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IDENTIFIERS

ABSTRACT

Part of the Project CAREER guidance component, this manual presents career preparation analysis charts called "careerograms," visual devices which synthesize information contained in the "Dictionary of Occupational Titles" (DOT) and the "Occupational Outlook Handbook." Designed for use by counselors of high school students or adults, the careerograms present abstracted occupational information in chart form, and are arranged in 15 occupational clusters: Agribusiness and Natural Resources, Business and Office, Communications and Media, Construction, Consumer and Homemaking, Environment, Fine Arts and Humanities, Health, Hospitality and Recreation, Manufacturing, Marine Science, Marketing and Distribution, Personal Services, Public Service, and Transportation. For each occupation, the additional job titles, job definition, hours, average earnings, total education and training requirements, high school courses of study, aptitudes, physical demands, interests, and temperament are given. (TA)



Careerograms for

Project CAREER's 122 Occupations

Prepared By:

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Guidance Counselor
Blue Hills Regionál Vocational-Technical School
Canton, Massachusetts

December, 1974

U.S. OEPARTMENT OF MEALTH,
EQUCATION & WELFARE
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NATIONAL INSTITUTE OF
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Project CAREER 301 North Main Street Randolph, Massachusetts 02368

> Publication # 8142 Approved By Alfred C. Holland State Purchasing Agent

VT-103-039



FOREWORD

This compilation of careerograms, as explained on the next page, is a follow-up to Thomas Christiano's document entitled "Instructions for the Use of Career Preparation Analysis Charts." We feel that this collection will further assist school personnel who utilize the Project's performance objectives and task outlines. It is suggested that those readers who choose to use these careerograms refer to the forerunner document in order to gain a clear understanding of the information they contain.

Project CAREER extends its appreciation to Mr. Christiano again for this additional, very useful, information.

Vincent P. Lamo Director



INTRODUCTION

This compilation of Careerograms for Project CAREER's 122 occupations is a follow-up to the Project CAREER document entitled <u>Instructions for 'he Use of Career Preparation Analysis Charts (Careerograms)</u>. (The reader s referred to that closely related document for a complete description as to how to prepare careerograms for any given occupations.)

The following excerpt is extracted from the above material and offers a brief explanation of the information contained here:

The Career Preparation Analysis Chart or "Careerogram", as these have been named, is a visual device which synthesizes the information contained in the many volumes of the <u>Dictionary of Occupational Titles</u>, as well as the <u>Occupational Outlook Handbook</u>. It is designed for use by counselors of high school age or older.

Information on a specific occupation is abstracted from the <u>Dictionary of Occupational Titles</u> and the <u>Occupational Outlook Handbook</u> and presented in the graphic format of a chart. The counselor and/or counselee can gain information about three basic questions: "What is the job?", "What does this job demand of me?" and, "What can I expect of the job?" The advantage of this format is in its speed of delivery, the individual does not have to search through many volumes to jain the information, while at the same time, the <u>Dictionary</u> is referenced in the event that further or more detailed information is required. Other advantages include the adaptability of the charts to local geographic areas, the ability to delete or add occupations as needed, and, most important, the ability to cluster the occupations on a career ladder of specialty levels. The counselee is thus able to see and choose from the many occupations of a given career cluster from the entry level positions to the more complex professional level positions.

Careerograms are meant to be an aid and additional supplement to the Dictionary of Occupational Titles, published by the United States Department of Labor; Bureau of Labor Statistics. These are not meant to supplant the DOT, but rather to provide another easy reference source for the counselor and his clients in fully utilizing the DOT. Because these charts are briefs from the DOT, it is recommended that where additional information is helpful or information needs to be clarified, the user of these charts be referred back to the source, either the DOT or the Occupational Outlook Handbook.



USOE CLUSTER # 1

AGRIBUSINESS AND NATURAL RESOURCES



CAREEROGRAM

Land Planner

OTHER TITLES:

Landscape Architect Technician CAREER PREPARATION ANALYSIS CHART

Plans and designs develop-DEFINITION:

ment of land areas for such projects as parks, highways, hospitals, schools, land divisions.

019.081

D.O.T. NO.

ENTRY LEVEL JOBS:

PELATED JOBS:

EMPLOYMENT OUTLOOK:

Favorable

HOURS:

40 hours/week

AVERAGE EARNINGS:

\$7,000 - 9,000 per year

UNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER EL

COURSE LOCATION:

D.O.T. LOCATION: Vol. II Sup. 11 Vol. Sup. 1

TOTAL EDUC/TRNG REQUIREMENTS: 5 = 12 PG Junior or Community College H. S. Grade Completed: On the Job Training Apprentice Training 4-year College Grad. Technical Institute **Business** College Graduate School

HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	ectual Careers	notive Careers	ss Careers	Careers	c Arts Careers	Careers	ural Careers	c Occupational	ion	
нісн ѕсноо	Career Develor	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education	

1	ECTIVES: Business Careers	Electro Careers	Graphic A	Health Careers	Structural Careers	Specific 0	Education		SPECIAL	411	371	9	93	
Automotive Careers	Careers	areers	Graphic Arts Careers	reers	Careers	Specific Occupational			SPECIAL REQUIREMENTS:					

			×											
CONDITIONS:	1 Inside	Outside	Both	2 Cold temp	3 Hot temp	4 Wet, humid	5 Noise, vibration	6 Hazards	7 Fumes	Odors	Toxic	Dust	Poor Ventilation	

	×	×	×	×	>								
APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination	

ANDS:		Incing	eling,		ity	gr.	*	
PHYSICAL DEMANDS:	1 Strength	2 Climbing, balancing	3 Stooping, kneeling,	crawling	4 Manual dexterity	5 Talking, hearing	6 Visual acuity	

L	INTERESTS:	
<u> </u>	1 Dealing with things &	
	objects	
	2 Business contact with	
لـــ	people	
(3)	3 Routine, system	
4		
2	Prestige, esteem	Γ
	Science & technology	×
∞	Abstraction, creativity	×
6	Machines, procedures	
0	Tangible results	
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	F	TEMPERAMENT	
	-	Varied duties.	
		frequent change	
	2	Repeated, set procedures	
	3	Matching specified	
		instructions	
	4	Directing & planning	
•		for others	×
	S	Working with others	
	9	Working alone & apart	
	7	Influencing other	
		people's ideas	
	∞	Risks, unexpected events,	
		emergencies	
	6	Making empirical	
		judgments, decisions	
	0	Analyzing facts and	
i	1	figures	×
_	×	Interpreting personal	
		feelings	
	` ~	Precision, accuracy	×

CAREEROGRAM

Arboriculturist Floriculturist

OTHER TITLES:

CAREER PREPARATION ANALYSIS CHART

Ornamental Horticulturist JOB TITLE:

in quality and production of ornamental plants. investigations on methods of improvement DEFINITION: Conducts experiments and

040.081

D.O.T. NO.

ENTRY LEVEL JOBS:

Florist helper

RELATED JOBS:

Floral Designer EMPLOYMENT ÖUTLOOK: Florist

Rapid increase

HOURS:

48 hours

AVERAGE EARNINGS:

\$2.50 to \$5.00/hour

Society of American Florists and UNION ASSOCIATION AFFILIATION: Ornamental Horticulturists

SUGGESTED CAREER ELECTIVES:	Laboratory sciences	Higher mathematics	Agriculture		
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COURSE LOCATION:		
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HOTO CHOTOHOL PATOT	TOTAL EDOC/I MING NEGOINGINENTS.	H. S. Grade Completed:			On-the-Job Training	Apprentice Training	Technical Institute	Business College	Junior or Community College	4-year College Grad.	Graduate School

Business Careers Electro Careers Graphic Arts Careers Health Careers Structural Careers Specific Occupational Education Preference for rese Preference for detail Penchant for detail Facility with mathe

CONDITIONS:	Inside	Outside	Both	Cold temp	Hot temp	Wet, humid	Noise, vibration	Hazards	Fumes	Odors	Toxic	Dust	
COND	_	õ	Bo	2 Co	3 He	4 We	5 No	6 Ha	7 Fu	ŏ	J.	۵	

S: I Learning I Ability I Ability Perception I Perception Ocordination Dexterity I Dexterity And—Foot											L			
APTITUDE 1 General 2 Verbal 3 Numer 4 Spatia 5 Form 6 Clerica 7 Motor 8 Finger 9 Manua 10 Eye-H	APTI1 UDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination	

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							17				×		×	
ł	10 Eye—Hand—Foot	Coordination	11 Color Discrimination		į	PHYSICAL DEMANDS:	1 Strength	2 Climbing, balancing	3 Stooping, kneeling,	crawing	4 Manual dexterity	5 Talking, hearing	6 Visual acuity	

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INTERESTS:	Dealing with things &	objects	Business contact with	people	Routine, system	Social welfare	Prestige, esteem	Communication of ideas	Science & technology	Abstraction, creativity	Machines, procedures	Tanaible require
IN	<u>-</u>		2		က	4	2	9	7	8	6	٥

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TEMPERAMENT:	1 Varied duties,	frequent change	2 Repeated, set procedures	3 Matching specified	instructions	4 Directing & planning	for others	5 Working with others	6 Working alone & apart	7 Influencing other	people's ideas	8 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figures	X Interpreting personal	feelings	Y Precision, accuracy	

	Synthesizing	No relation	Precision work
0	0	∞	_
RELATION TO:	Data:	People:	Things.
8		2	ന

CAREER PREPARATION ANALYSIS CHART

OTHER TITLES:

CONDITIONS

D.O.T. NO. 260-458

fashioning floral pieces and decorations. Assists in designing and DEFINITION:

Florist Assistant

JOB TITLE:

Plans floral settings for events.

ENTRY LEVEL JOBS:

Florist Helper RELATED JOBS:

Florist

Any design occupation EMPLOYMENT OUTLOOK:

Rapid increase HOURS:

AVERAGE EARNINGS:

and Ornamental Horticulturists UNION ASSOCIATION AFFILIATION: Society of American Florists \$2.50 - \$5.00 an hour

SUGGESTED CAREER ELECTIVES: Agrico Hortico Floral

TION:		
COURSE LOCATION:		
URSE		
CO		

D.O.T. LOCATION:		
Vol. 1	page	291
Vol. 11		232
Sup. 1	:	18
Sup. 11	:	2

NTS:			×				×		×	×	
UIREME	10	=	12	S					9 6		
TOTAL EDUC/TRNG REQUIREMENTS:	H. S. Grade Completed:				On the Job Training	Apprentice Training	Technical Institute	Business College	Junior or Community College	4.year College Grad.	Graduate School

5 Noise, vibration

Hazards

Fumes

Odors Toxic

Wet, humid

Cold temp Hot temp

Outside

Both

Inside

IED CAREER ELECTIVES:	LECTIVES:		Rusiness (
ultural Training Schoo	ning School		Electro C
culture			Graphic A
l Design			Health Ca
			Structura
			Specific C
		_	Education
LOCATION:			
			SPECIAL
			Demon
OCATION:			Aesthe
	page 291		Color

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HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	Careers	Careers	eers	ers	Careers	SJ:	areers	
нісн ѕсно	Career Devel	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	

PHYSICAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling,	crawling	Manual dexterity	Talking, hearing	Visual acuity	
占	•	2	3		4	2	ဖ	
		Ability		_				

etic Appreciation strated Artistic REQUIREMENTS:

Perception

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INTERESTS:	Dealing with things &	objects	Business contact with	people	Routine, system	Social welfare	Prestige, esteem	Communication of ideas	Science & technology	Abstraction, creativity	Machines, procedures	Tangible results	
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TEMPERAMENT:	Varied duties,	frequent change	Repeated, set procedures	Matching specified	instructions	Directing & planning	for others	Working with others		Influencing other	people's ideas	Risks, unexpected events,	emergencies	Making empirical	judgments, decisions	Analyzing facts and	figures	(Interpreting personal	feelings	Precision, accuracy
-	-		2	က		4		က	9	7		ω	1	6		0		×		 >

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Motor Coordination Clerical Perception

Manual Dexterity Eye-Hand-Foot

Finger Dexterity

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Color Discrimination

Coordination

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Numerical Ability

Spatial Ability

General Learning

APTITUDES:

Verbal Ability

Poor Ventilation

Dust

Form Perception

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	Manipulating	No Relation	Setting-up
ë	4	ഹ	∞
RELATION TO	1 Data:	2 People:	3 Things:
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Veterinary Assistant/

OTHER TITLES:

Hospital Attendant

Dealing with things &

objects

×

INTERESTS:

CONDITIONS:

Business contact with

Routine, system

က

people

CAREER PREPARATION ANALYSIS CHART

Assistant Veterinary JOB TITLE:

356.874 DEFINITION: Cares for animals under treatment D.O.T. NO. in animal hospital for diseases, injury, or for production of serums.

ENTRY LEVEL JOBS:

RELATED JOBS:

Nursing Aide Hospital Attendant EMPLOYMENT OUTLOOK:

Favorable, rapid increase

HOURS:

40 hours (shift work)

AVERAGE EARNINGS:

\$100.00/week

UNION ASSOCIATION AFFILIATION:

ë O V		
COURSE LOCATION:		
COURS		

D.O.T. LOCATION:		i
Vol. I	bage	2
Vol. II	:	2
Sup. 1	:	
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TOTAL EDUC/TRNG REQUIREMENTS:	REMENTS:	
H. S. Grade Completed:	10	
	11	
	12	
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On-the-Job Training	×	
Apprentice Training	_	1
Technical Institute	-	Ţ
Business College	-	r
Junior or Community College		
4-year College Grad.		Γ
Graduate School		

Communication of ideas

Prestige, esteem

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Noise, vibration

Hazards Fumes

9

Odors Toxic

Wet, humid

4

Hot temp

Cold temp

Outside

Both

Inside

Social welfare

Science & technology

Abstraction, creativity

œ

×

Machines, procedures

6

Tangible results

Poor Ventilation

Dust

						•			VTS:	als			routines			
Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education			SPECIAL REQUIREMENTS:	Fondness for animals	Good health	Physical stamina	Ability to adjust to routines			
/ES:												775	511	59	155	
U CAREER ELECTIVES:	ry sciences						CATION:				ATION:	222 aged	2	"	"	
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		 APT	APTITUDES:
		-	General L
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areers		9	Clerical P
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		8	Finger De
Sareers		 6	Manual D
	×	 10	Eye-Han
eers			Coordinat

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1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination	# 1 mm	PHYSICAL DEMANDS:	1 Strength	2 Climbing, balancing	3 Stooping, kneeling,	crawling	4 Manual dexterity	

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TEMPERAMENT:	Varied duties,	frequent change	Repeated, set procedures	Matching specified	instructions	Directing & planning	for others	Working with others	Working alone & apart	Influencing other	people's ideas	Risks, unexpected events,	emergencies	Making empirical	judgments, decisions	Analyzing facts and	figures	Interpreting personal	feelings	Precision, accuracy
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	No relation	Serving	Manipulating
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RELATION TO:	Data:	People:	Things
RE	-	2	က

Talking, hearing Visual acuity

	•
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JOB TITLE: Nursery Person

PROJECT CAREER/GUIDANCE

CAREER PREPARATION ANALYSIS CHART

OTHER TITLES: Nursery farmer

CAREEROGRAM

D.O.T. NO. 406 DEFINITION: Manages nursery to grow trees, shrubs, and ornamental flowering plants.

10 10 10 PG	1	
H. S. Grade Completed: 10 H. S. Grade Completed: 10 11 12 PG On-the-Job Training Apprentice Training Technical Institute Business College Junior or Community College	4-year College Grad.	Graduate School

Nursery worker - 406,887

ENTRY LEVEL JOBS:

EMPLOYMENT OUTLOOK:

Horticulturist RELATED JOBS:

Rapid increase

CONDITIONS:	Inside	Outside	Both	2 Cold temp	3 Hot temp	4 Wet, humid.	5 Noise, vibration	6 Hazards	7 Fumes	Odors	Toxic	Dust	Poor Ventilation	
.168		MENTS:		0	<u> </u>						X			

Communication of ideas

Prestige, esteem

ഹ ဖ Abstraction, creativity

Machines, procedures

Tangible results

×

General Learning

APTITUDES:

Verbal Ability

Numerical Ability

Science & technology

×

Dealing with things &

objects

INTERESTS:

Business contact with

Routine, system

people

Social welfare

7 Motor Coordination Clerical Perception

5 Form Perception

9

Spatial Ability

		Career Development Pro
		Architectual Careers
		Automotive Careers
SUGGESTED CAREER ELECTIVES:	IVES:	Business Careers
Agriculture		Electro Careers
Bookkeeping		Graphic Arts Careers
Management		Health Careers
		Structural Careers
		Specific Occupational
		Education
COURSE LOCATION:		
		•
	,	SPECIAL REQUIREME
		Leadership qualiti
D.O.T. LOCATION:		Ability to plan and
Vol. I page	494	Ability to do statis
Vol. II	245	

\$7,000 to \$9,000/year beginning	B HIGH SCHOOL COURSE OF STUDY:	×	<u></u>
NION ASSOCIATION AFFILIATION:			
	Career Development Program:		
	Architectual Careers		L
	Automotive Careers		L
SUGGESTED CAREER ELECTIVES:	Business Careers	×	L
	Electro Careers		<u> </u>
	Graphic Arts Careers		L_
	Health Careers		L_
	Structural Careers		
1	Specific Occupational		<u> </u>
	Education		j
	٠		_
-	SPECIAL REQUIREMENTS:		
	Leadership qualities		<u> </u>
	Ability to plan and execute programs	roor	7:7
494	Ability to do statistical work		-
245			<u> </u>
65	•		<u> </u>
- 1			_
			ł

Color Discrimination

Coordination

Eye-Hand-Foot

9 Manual Dexterity 8 Finger Dexterity

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	ıı					×	×
PHYSICAL DEMANDS:	1 Strength	2 Climbing, balancing	3 Stooping, kneeling,	crawling	4 Manual dexterity	5 Talking, hearing	6 Visual acuity
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			ä				

Vol. II Sup. I Sup. II

RELATION TO: 1 Data: 1 2 People: 6 3 Things: 8
Data: People: Things:

Irregular

HOURS:

AVERAGE EARNINGS:

JOB TITLE: L'andscape Gardener

CAREER PREPARATION ANALYSIS CHART PROJECT CAREER/GUIDANCE

CAREEROGRAM

Landscaper OTHER TITLES:

CONDITIONS:

D.O.T. NO. 407, 181

DEFINITION: Plans and executes small scale landscaping operations and maintains grounds and landscape of private and business residences.

ENTRY LEVEL JOBS:

RELATED JOBS:

Tree Surgeon

EMPLOYMENT OUTLOOK:

Rapid increase

HOURS:

Poor Ventilation

Dust

varies

AVERAGE EARNINGS:

\$2.50 to \$5.00/hour

UNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES:	Agriculture		
SUG	Ag		

ion:		
-OCAT		
COURSE LOCATION:		
8		

D.O.T. LOCATION:		
Vol. I	abed	411
Vol. 11	:	411
Sup. I	"	65
Sup. 11	:	86

TOTAL EDUC/TRNG REQUIREMENTS:	NTS:
H. S. Grade Completed: 10	
12	
PG	
On-the-Job Training	×
Apprentice Training	
Technical Institute	×
Business College	
Junior or Community College	
4-year College Grad.	
Graduate School	

Noise, vibration Wet, humid

2

Hazards Furnes

Odors Toxic

Cold temp

Outside

Both

Inside

Hot temp

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HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education Agriculture	

STED CAREER ELECTIVES:	LECTI	VES:	Business Careers
ulture			Electro Careers
			Graphic Arts Careers
			Health Careers
			Structural Careers
			Specific Occupational
			Education Agriculture
E LOCATION:			
			SPECIAL REQUIREMENTS:
			Good physical condition
OCATION:			Interest in outdoor work
	page 411	411	Finger and manual dexter
	:	411	Eye-hand coordination

	X				_		X	\sim	\times				
APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination	
		·											

2	INTERESTS:	
_	Dealing with things &	
	objects	}<
2	Business contact with	
_	people	
က	Routine, system	
4	Social welfare	
2	Prestige, esteem	
9	Communication of ideas	
7	Science & technology	×
œ	Abstraction, creativity	
6	Machines, procedures	×
0	Tangible results	×

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TEMPERAMENT:	1 Varied duties,	frequent change	2 Repeated, set procedures	3 Matching specified	instructions	4 Directing & planning	for others	5 Working with others	6 Working alone & apart	7 Influencing other	people's ideas	8 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figures	X Interpreting personal	feelings	Y Procision, accuracy	

	Coordinating	No relation	Precision work
10:		∞	H
RELATION TO:	Data:	People:	Things:
RE	-	2	က

d manual dexterity

USOE CLUSTER # 2

BUSINESS AND OFFICE



CAREER PREPARATION ANALYSIS CHART PROJECT CAREER/GUIDANCE

OTHER TITLES:

1 Dealing with things &

objects

INTERESTS:

Business contact with

Routine, system

people

Social welfare

TOTAL EDUC/TRNG REQUIREMENTS: correspondence of legal nature such as summonses, complaints, motions and DEFINITION: Prepares legal papers and subpoenas

JOB TITLE: Legal Secretary

ERIC ERIC

201.368

D.O.T. NO.

ENTRY LEVEL JOBS:

RELATED, JO8S;

EMPLO YMENT OUTLOOK: Good

HOURS:

Junior or Community College

4-year College Grad.

Graduate School

40/wk.

AVERAGE EARNINGS:

\$550 month

UNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES:

HIGH SCHOOL COURSE OF STUDY:

		L	×	_		L	L	L						
Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education		SPECIAL REQUIREMENTS:			
												•		

COURSE LOCATION:

ರ	CONDITIONS:	
_	Inside	×
	Outside	
	Both	
2	Cold temp	
က	Hot temp	
4	Wet, humid	
2	Noise, vibration	
9	Hazards	
7	Fumes	
	Odors	
	Toxic	
	Dust	
	Poor Ventilation	

0

H. S. Grade Completed:

12 PG

On-the-Job Training

Apprentice Training Technical Institute **Business College**

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Communication of ideas

Prestige, esteem

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Abstraction, creativity Science & technology

Machines, procedures

Tangible results

	14	×			×	×	×	×					-
APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
ΑÞ	-	7	က	4	2	9	7	∞	6	6		=	l

	compiling	Speaking-signall	no relation
Ö	m	9	∞
RELATION TO	Data:	People:	Things:
<u>-</u>		7	<u>س</u>

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Manual dexterity Talking, hearing

crawling

Visual acuity

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Precision, accuracy

S

Climbing, balancing Stooping, kneeling,

PHYSICAL DEMANDS:

Strength

feelings

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TION:					
D.O.T. LOCATION:	_	=	_	=	
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CAREER PREPARATION ANALYSIS CHART PROJECT CAREER/GUIDANCE

JOB TITLE: Medical Secretary

OTHER TITLES:

Dealing with things &

objects

INTERESTS:

Business contact with

Routine, system

people

Social welfare

D.O.T. NO. 201.368 utilizing knowledge of medical terminology reports for a doctor or hospital personnel, DEFINITION: Prepares medical charts and

ENTRY LEVEL JOBS:

RELATED JOBS:

EMPLOYMENT OUTLOOK: Good

40/wk. HOURS:

AVERAGE EARNINGS:

\$550 month

UNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES:		9	300

COURSE LOCATION:

	bage	:		
LOCATION:				
H	Vol.	= \rangle Of.	Sup. –	Sup. 11

JUIREMENTS	10	11	12	PG	×		-	×	X age				
TOTAL EDUC/TRNG REQUIREMENTS:	H. S. Grade Completed:				On-the-Job Training	Apprentice Training	Technical Institute	Business Callege	Junior or Community College	4-year College Grad.	4-year College Grad.	4-year College Grad. Graduate School	4·year College Grad. Graduate School

HIGH SCHOOL COURSE OF STILLS
STORE COURT OF STORE
Career Development Program:
Architectual Careers
Automotive Careers
Business Careers
Electro Careers
Graphic Arts Careers
Health Careers
Structural Careers
Specific Occupational
Education

Susiness Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education		SPECIAL REQUIREMEN				
VES.				-s.	2000					635	263	
										bage	:	

ଧ	CONDITIONS:	
	Inside	×
	Outside	
	Both	
7	Cold temp	
က	Hot temp	
4	Wet, humid	
5	Noise, vibration	
9	Hazards	
7	Fumes	
	Odors	
	Toxic	
•	Dust	
	Poor Ventilation	
!		7

Communication of ideas

Prestige, esteem

Abstraction, creativity Science & technology

Machines, procedures

6 ω

Tangible results

TEMPERAMENT: Varied duties,

	×	×			×	×	×	×				
APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Cierical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Ccior Discrimination
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Repeated, set procedures

frequent change

Matching specified

instructions

Directing & planning

for others

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	5 Working with others	5 Working alone & apart	7 Influencing other	people's ideas	Risks, unexpected events,	emergencies	Making empirical	judgments, decisions	Analyzing facts and	figures	Interpreting personal	feelings	Precision, accuracy
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	compiling	Speaking-signal	no relation
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RELATION TO:	1 Data:	2 People:	3 Things:

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Climbing, balancing Stooping, kneeling,

Manual dexterity Talking, hearing Visual acuity

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crawling

PHYSICAL DEMANDS:

Strength

VTS:

Secretary

PROJECT CAMEER/GUIDANCE

CAREER PREPARATION ANALYSIS CHART

CAREEROGRAM

OTHER TITLES: Girl Friday

Secretarial Stenographer

CONDITIONS:

201.368

D.O.T. NO.

DEFINITION: Schedules appointments and gives

otherwise relieves officials of clerical work information to callers, takes dictation and

and minor administrative and

business detail.

ENTRY LEVEL JOBS:

				<u> </u>	×				×				
	INTERESTS:	Dealing with things &	objects	Business contact with	people	Routine, system	Social welfare	Prestige, esteem	Communication of ideas	Science & technology	Abstraction, creativity	Machines, procedures	
	<u> </u>	_		7		က	4	2	ဖ	7	∞	6	١
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		;	×										_
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Noise, vibration

Hazards

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Fumes Odors

Toxic Dust

Junior or Community College

4-year College Grad.

Graduate School

Apprentice Training On the Job Training

Technical Institute **Business College**

EMPLOYMENT OUTLOOK:

Stenographer

RELATED JOBS:

Wet, humid

12

PG

Cold temp Hot temp

0 =

H. S. Grade Completed:

Outside

TOTAL EDUC/TRNG REQUIREMENTS:

Both

1 Inside

		\downarrow	
8 Abstraction, creativity	9 Machines, procedures	0 Tangible results	

	TEMPERAMENT:	
L	1 Varied duties,	
	frequent change	×
	2 Repeated, set procedures	
	3 Matching specified	
	instructions	
	4 Directing & planning	
	for others	
	5 Working with others	×
	6 Working alone & apart	:
	Influencing other	
	people's ideas	
8	Risks, unexpected events;	
	emergencies	
6	Making empirical	
	judgments, decisions	×
0	Analyzing facts and	
i	figures	
×	Interpreting personal	
	feelings	
>	D	1

Varied duties,
frequent change
Repeated, set procedures
Matching specified
instructions
Directing & planning
for others
Working with others
Working alone & apart
Influencing other
people's ideas
Risks, unexpected events,
emergencies
Making empirical
judgments, decisions
Analyzing facts and
figures
Interpreting personal
feelings
Precion

Motor Coordination Clerical Perception

9 Manual Dexterity

Eye-Hand-Foot

Coordination

Finger Dexterity

∞

Numerical Ability

Spatial Ability

Form Perception

2 ဖ

General Learning

APTITUDES:

Verbal Ability

HIGH SCHOOL COURSE OF STUDY:

Poor Ventilation

Varied duties,	frequent change	Repeated, set procedures	Matching specified	instructions	Directing & planning	for others	Working with others	Working alone & apart	Influencing other	people's ideas	Risks, unexpected events;	emergencies	Making empirical	judgments, decisions	Analyzing facts and	figures	Interpreting personal	feelings	Precision, accuracy	
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	Career Development Program:	
	Architectual Careers	Τ_
r	Automotive Careers	7
	Business Careers X	Τ
	Electro Careers	1-
	Graphic Arts Careers	Τ-
	Health Careers	7
	Structural Careers	7
	Specific Occupational	- r
	Education	
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	SPECIAL REQUIREMENTS:	•
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COURSE LOCATION:

Color Discrimination

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PECIAL REQUIREMENTS:					

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	IAL REQUIREMENTS:	2	8		4	S	9

635

bage

D.O.T. LOCATION

Sup. 13

Vol. □ Sup. 1

Vol.

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PHYSICAL DEMANDS:	1 Strength	2 Climbing, balancing	3 Stooping, kneeling,	crawling	4 Manual dexterity	5 Talking, hearing	6 Visual acuity	

	compiling	speaking-sign	no relation
ë	.	6	0
RELATION TO:	Data:	People:	Things:
R	-	2	8

Te all

\$500 month		UNION ASSOCIATION AFFILIATION:
	1	5

AVERAGE EARNINGS:

HOURS: $35 - 40 \,\mathrm{wk}$,

Favorable

SUGGESTED CAREER ELECTIVES:

Stenographer

JOB TITLE:

ERIC

CAREER PREPARATION ANALYSIS CHART

Clerk Sterographer OTHER TITLES:

> correspondence, reports and other matter DEFINITION: Takes dictation in shorthand of and transcribes dictated material,

using typewriter.

ENTRY LEVEL JOBS:

RELATED JOBS:

Public Stenographer Reporting Stenographer EMPLOYMENT OUTLOOK:

Good

HOURS:

40/wk.

AVERAGE EARNINGS:

\$550 month

© UNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES:		

COURSE LOCATION:

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		aged	:	:
	D.O. I. LOCATION:	Vol. i	Vol. 11	Sup. 1
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Sup. II

TOTAL EDUC/TRNG REQUIREMENTS: D.O.T. NO. 202,388 9 12 မှ Junior or Community College H. S. Grade Completed: On-the-Job Training Apprentice Training 4-year College Grad. Technical Institute **Business College** Graduate School

HIGH SCHOOL COURSE OF STUDY: Career Development Program: Architectual Careers Automotive Careers Business Careers Graphic Arts Careers Health Careers Structural Careers Specific Occupational

FIECHIO CAIEELS	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education		-	SPECIAL REQUIREME						
										269	278	35	16	
										aged	:	:	:	

NTS:

	×												
CONDITIONS:	1 Inside	Outside	Both	2 Cold temp	3 Hot temp	4 Wet, humid	5 Noise, vibration	6 Hazards	7 Fumes	Odors	Toxic	Dust	Poor Ventilation

	×	×			×	×		×					
APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
Ą		7	3	4	5	9	7	8	6	5		=	

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PHYSICAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling,	crawling	Manual dexterity	Talking, hearing		***************************************
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 Z	INTERESTS:	
-	Dealing with things &	
	objects	
 7	Business corract with	
	people	
 က	Routine, system	×
4	Social welfare	
 2	Prestige, esteem	
 9	Communication of ideas	×
 ~	Science & technology	
 8	Abstraction, creativity	
 6	Machines, procedures	
 0	Tangible results	
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RELATION	Data:	People:	Things
RE	-	2	3

1	6

Personnel Clerk

JOB TITLE:

-

PROJECT CAREER/GUIDANCE

CAREER PREPARATION ANALYSIS CHART

CAREEROGRAM

Personnel-Records Clerk

OTHER TITLES:

D.O.T. NO. Compiles and keeps personnel records; addresses, weekly earnings, absences, amount of sales or DEFINITION:

205.368

production, supervisory reports on ability and termination.

ENTRY LEVEL JOBS:

RELATED JOBS:

EMPLOYMENT OUTLOOK:

Fair - Good HOURS:

AVERAGE EARNINGS: 40/week

\$5,000 year

UNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES:	
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			COURSE LOCATION:		
			COURSE		

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D.O.T. LOCATION:	Vol. I	Vol. II	Sup. 1	Sup. 11

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TOTAL EDUC/TRNG REQUIREMENTS:	ted:								Junior or Community College		
JC/TRN	H. S. Grade Completed:				Training	Fraining	stitute	lege	mmunit	ge Grad.	hool
AL ED(. Grade				On-the-Job Training	Apprentice Training	Technical Institute	Business College	or or Co	4-year College Grad.	Graduate School
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HIGH SCHOOL COURSE OF STUDY:	;
Career Development Program:	
Architectual Careers	
Automotive Careers	
Business Careers	×
Electro Careers	
Graphic Arts Careers	
Health Careers	
Structural Careers	
Specific Occupational	
Education .	
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Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education		SPECIAL REQUIREMEN					
/ES:										524	258	35	
R ELECTIVES:										bage		:	

5	CONDITIONS:	
	Inside	×
	Outside	
_	Both	
	Cold temp	
	Hot temp	
1	Wet, humid	
1	Noise, vibration	
	Hazards	
1	Fumes	
	Odors	
	Toxic	
	Dust	
_	Poor Ventilation	

	×	×	×			×							
APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination	

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PHYSICAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling,	crawling	Manual dexterity	Talking, hearing	Visual acuity	
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NTS:

2	INTERESTS:	
_	Dealing with things &	
	objects	
7	Business contact with	
	people	×
 က	Routine, system	
4	Social welfare	
2	Prestige, esteem	
 9	Communication of ideas	×
 7	Science & technology	
 8	Abstraction, creativity	
6	Machines, procedures	
 0	Tangible results	
		1

1 Varied duties, 1 Varied duties, frequent change 2 Repeated, set procedures 3 Matching specified instructions 4 Directing & planning for others 5 Working with others 6 Working alone & apart 7 Influencing other people's ideas 8 Risks, unexpected events, emergencies 9 (Making empirical indigments, decisions 0 Analyzing facts and figures X Interpreting personal feelings Y Precision, accuracy				_	_			×		_			×	×		
	TEMPERAMENT:	1 Varied duties,	frequent change			instructions	for others		ĺ	7 Influencing other	people's ideas	emergencies	judgments, decisions	figures	feelings	Y Precision, accuracy

	Compiling	Speaking-sign:	No Relation
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RELATION TO	Data:	People:	Things:
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TEV. 3-74

OB TITLE: File Clerk

DEFINITION: Files correspondence, cards, invoices, receipts, and other records in alphabetical or D.O.T. NO. 206, numerical order, or according to subject matter phonetic spelling or other system TOTAL FUICTRNG REQUIREM

ENTRY LEVEL JOBS:

RELATED JOBS:

EMPLOYMENT OUTLOOK:

Good

HOURS:

40/wk.

AVERAGE EARNINGS:

* \$80 - \$88/wk.

UNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES:				
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COURSE LOCATION:	

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LOCATION:				
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habetical or 0.0.1. NO. 206,388 Co	natter	TOTAL EDUC/TRNG REQUIREMENTS:	H. S. Grade Completed: 10	11 3	12 4	PG	b Training X 6	e Training	Institute	college	Junior or Community College	lege Grad.	School	
habetical	subject matter	TOTAL EL	H. S. Grad			-	On-the-Job Training	Apprentice Training	Technical Institute	Business College	Junior or C	4-year College Grad.	Graduate School	

Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education		SPECIAL REQUIREMENTS					
ECTIVES:									age 271	276	35	15	

	×													1
CONDITIONS:	1 Inside	Outside	Both	2 Cold temp	3 Hot temp	4 Wet, humid	5 Noise, vibration	6 Hazards	7 Fumes	Odors	Toxic	. Dust	Poor Ventilation	

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APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
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PHYSICAL DEMANDS:		Climbing, balancing	seling,	i	Ĭ.	Du.	1	
L DEN	ڃ	ng, bal	Stooping, kneeling,	g	Manual dexterity	Talking, hearing	acuity	
SICA	Strength	Simbi	toopi	crawling	Aanua	alking	Visual acuity	
PHY	-	2	3		4	2	9	

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OTHER TITLES: Coding File Clerk Records Clerk	INTERESTS:	1 Dealing with things &	objects	2 Business contact with	people	3 Routine, system	4 Social welfare	5 Prestige, esteem	6 Communication of ideas	7 Science & technology	8 Abstraction, creativity	9 Machines, procedures	0 Tangible results	
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RELATION TO:	Data:	People:	Things:
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CAREER PREPARATION ANALYSIS CHART

JOB TITLE: Clerk'-General

ERIC Full Text Product by ERIC

OTHER TITLES: Office, Routine Clerk

ilar clerical tasks not requiring	knowledge of systems or procedures.
similar c	knowled
	similar clerical tasks not requiring

D.O.T. NO.

ENTRY LEVEL JOBS:

RELATED JOBS:

TOTAL EDUC/TRNG REQUIREMENTS	EMEN	TS
H. S. Grade Completed:	2	
	=	
	12	×
	PG	
On the Job Training		$ \times$
Apprentice Training	-	
Technical Institute	-	
Business College		
Junior or Community College	-	
4-year College Grad.	 	
Graduate School	-	

EMPLOYMENT OUTLOOK:

Fair

HOURS:

CONDITIONS:	1 Inside	Outside	Both	2 Cold temp	3 Hot temp	4 Wet, humid	5 Noise, vibration	6 Hazards	7 Fumes	Odors	Toxic	Dust	Poor Ventilation	
207.388		JIREMENTS:		10	=	12 X	PG	×				a)		

		_
TUDES:		2
General Learning	×	ო
Verbal Ability	×	- .
Numerical Ability		4
Spatial Ability		·· -:
Form Perception	×	က
Clerical Perception	×	9
Motor Coordination	×	-

HIGH SCHOOL COURSE OF STUDY:

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	×	×			×	×	×	Ţ.,			_		
ritudes:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	

	S				×	×	×
HYSICAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling,	crawling	Manual dexterity	Talking, hearing	Visual acuity

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ONDITIONS	Inside	Outside	Both	Cold temp	Hot temp	Wet, humid	Noise, vibration	Hazards	Fumes	Odors	Toxic	Dust	Poor Ventilation	
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Communication of ideas

Prestige, esteem

Abstraction, creativity Science & technology

Machines, procedures

Tangible results

×

Dealing with things &

objects

INTERESTS:

Business contact with

Routine, system

people

Social welfare

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		Varied duties,	
1	Ì	frequent change	- ·
	7	Repeated, set procedures	×
	က	Matching specified	
		instructions	×
	4	Directing & planning	ļ.,
		for others	
∟.∟	2	Working with others	
٠ـــا	9	Working alone & apart	
	7	Influencing other	
		people's ideas	
	8	Risks, unexpected events,	
		emergencies	
	6	Making empirical	
		judgments, decisions	
	0	Analyzing facts and	
		figures	
	×	Interpreting personal	
		feelings	
	>-	Precision, accuracy	×

	compiling	no relation	no relation
70:	3	∞	20
LATION	Data:	People:	Things
3	-	7	3

	9980		:	11	
D.O. I. LOCATION:					
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chitectual Careers stomotive Careers siness Careers scrto Careers aphic Arts Careers alth Careers acific Occupational ucation				×			_	<u> </u>							
	Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education		SPECIAL REQUIREMENTS:			

COURSE LOCATION:

	1.35	289	36	24
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AVERAGE EÄRNINGS:

40/wk.

\$5,000 yr.

SUGGESTED CARFER ELECTIVES:

CAREER PREPARATION ANALYSIS CHART PROJECT CAREER/GUIDANCE

Typist OTHER TITLES:

CONDITIONS:

209-388

D.O.T. NO.

DEFINITION: Performs general clerical work requiring use of typewriter in majority Types letters, reports of duties.

Clerk-Typist

JOB TITLE:

other straight copy material from rough draft or corrected copy. stencils, forms, addresses, or ENTRY LEVEL JOBS:

Clerk-General RELATED JOBS:

Typist

EMPLOYMENT OUTLOOK:

Fair - Good

HOURS:

40/week

AVERAGE EARNINGS:

UNION ASSOCIATION AFFILIATION: \$5,000 - \$7,000/year

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SUGGESTED CAREER ELECTIVES:		-	

CATION:		
COURSE LOCATION:		

D.O.T. LOCATION:		Ì
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TOTAL FOLIC/TBNG BEOLIIBEMENTS:	H. S. Grade Completed:				On-the-Job Training	Apprentice Training	Technical Institute	Business College	Junior or Community College	4-year College Grad.	Graduate School

STUDY:	••			×							
HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education	

Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education		SPECIAL REQUIREMENTS:	: .				
/ES:										136	276	36	15
CTIVES:										эge	:		

	- 2 R 4 8 9 0	INTERESTS: 1 Dealing with things & objects 2 Business contact with people 3 Routine, system 4 Social welfare 5 Prestige, esteem 6 Communication of ideas 7 Science & technology 8 Abstraction, creativity 9 Machines, procedures 0 Tangible results	
Π	TE	TEMPERAMENT:	
	_	Varied duties,	ł

Noise, vibration

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Hazards Fumes

Odors Toxic

Wet, humid

Cold temp Hot temp

Outside

Both

Inside

	-	I EMPERAMEN I:	
	_	Varied duties,	
		frequent change	
	5	Repeated, set r ocedures	×
	က	Matching specined	
		instructions	×
	4	Directing & planning	
•		for others	
	5	Working with others	
	9	Working alone & apart	
	7	Influencing other	
		people's ideas	_
	ω	Risks, unexpected events,	
		emergencies	
	6	Making empirical	
		judgments, decisions	
	0	Analyzing facts and	
		figures	
	×	Interpreting personal	
		feelings	
	>	Precision, accuracy	×
'			

Motor Coordination Clerical Perception

Manual Dexterity Eye-Hand-Foot

G

Finger Dexterity

œ

Numerical Ability

Spatial Ability

4

Form Perception

വ

9

General Learning

APTITUDES:

Verbal Ability

Poor Ventilation

Dust

		Compiling	No Relation	No Relation
	<u>.</u>	3	œ	∞
	RELATION TO:	1 Data:	2 People:	3 Things:
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PHYSICAL DEMANDS:

Strength

Climbing, balancing

Stooping, kneeling,

crawling

4 Manual dexterity

Talking, hearing

ß

Visual acuity

Color Discrimination

Coordination

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L	1

OTHER TITLES: Full-charge Bookkeeper

Dealing with things &

INTERESTS:

Business contact with

objects

Routine, system

4 ഹ 9

people

General Bookkeeper

PROJECT CAREER/GUIDANCE

CAREER PREPARATION ANALYSIS CHART

JOB TITLE: Bookkeeper

D.O.T. NO. 210,388 actions of establishment. Balances books and DEFINITION: Keeps records of financial transcompiles reports to show statistics.

ENTRY LEVEL JOBS:

Accounting Clerk

RELATED JOBS:

Payroll Clerk

Bookkeeping Machine Operator EMPLOYMENT OUTLOOK:

Slow increase

HOURS: 40 hours

AVERAGE EARNINGS:

\$450/month

UNION ASSOCIATION AFFILIATION:

D.O.T. LOCATION:		
Vol. I	abed	99
Vol. II	2	280
Sup. I	:	37
Sup. 11	:	1,4

TOTAL EDUC/TRNG REQUIREMENTS:	JTS:
H. S. Grade Completed: 10	
12	×
PG	·
On the Job Training	
Apprentice Training	-
Technical Institute	
Business College	×
Junior or Community College	
4-year College Grad.	
Graduate School	

HIGH SCHOOL COURSE OF STUDY:	;;
Career Development Program:	
Architectual Careers	
Automotive Careers	
Business Careers	×
Electro Careers	
Graphic Arts Careers	
Health Careers	
Structural Careers	
Specific Occupational	
Education	

SUGGESTED CAREER ELECTIVES:	.
Arithmetic	
Bookkeeping	
Clerical Subjects	

ÖN		
COURSE LOCATION:		
 COURSE		

D.O.T. LOCATION:		
Vol. I	abed	9
Vol. 11	ŧ	28
Sup. I	:	3
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	4 SCHOOL COURSE OF STUDY:		r Development Program:	itectual Careers	motive Careers	less Careers	ro Careers	hic Arts Careers	h Careers	tural Careers
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PHY SICAL DEMANDS:	Strength	2 Climbing, balancing	3 Stooping, kneeling,	crawling	4 Manual dexterity	5 Talking, hearing	6 Visual acuity
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	SPECIAL REQUIREMENTS:	preference for clerical detail	strong arithmetic ability				

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Color Discrimination

11

Coordination

잉	CONDITIONS:	
-	Incide	×
	Outside	
	Both	
7	Cold temp	
m	Hot temp	
4	Wet, humid	
2	Noise, vibration	
9	Hazards .	
7	Fumes	
	Odors	
	Toxic	
	Dust	
	Poor Ventilation	

Communication of ideas

Prestige, esteem Social welfare

Abstraction, creativity

ω

Machines, procedures

Tangible results

Science & technology

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TEMPERAMENT:	Varied duties,	frequent change	Repeated, set procedures	Matching specified	instructions	Directing & planning	for others	Working with others	Working alone & apart	Influencing other	people's ideas	Risks, unexpected events,	emergencies	Making empirical	judgments, decisions	Analyzing facts and	figures	Interpreting personal	feelings	Precision, accuracy
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Motor Coordination

Manual Dexterity Eye-Hand-Foot

Finger Dexterity

Clerical Perception

Form Perception

Numerical Ability

Spatial Ability

General Learning

APTITUDES:

Verbal Ability

	Compiling	No relation	No relation
T0:	3	_∞	∞
RELATION TO:	Data:	People:	Things:
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Cageman, cash-accounting

Cash girl, cash clerk

OTHER TITLES:

PROJECT CAREER/GUIDANCE

CAREER PREPARATION ANALYSIS CHART

Cashier JOB TITLE:

211.468 and employees, disburses funds and records D.O.T. NO. Receives funds from customers monetary transactions incidential to conduct DEFINITION

of business. Receives cash from TOTAL EDUC/TRNG REQUIREMENTS. ment for goods or services and customers or employees in payrecords amounts received.

ENTRY LEVEL JOBS: RELATED JOBS:

EMPLOYMENT OUTLOOK: Toll Collector

Excellent

Junior or Community College

4-year College Grad.

Graduate School

HOURS:

40 - 45 week

AVERAGE EARNINGS:

81.80 per more Vivion Association Association Association Association Association Association.

HIGH SCHOOL COURSE OF STUDY:

Career Development Program:

Architectual Careers **Automotive Careers**

Business Careers Electro Careers

SUGGESTED CAREER ELECTIVES:

Graphic Arts Careers

Specific Occupational

Education

Structural Careers

Health Careers

ION:		
COURSE LOCATION:		
COURSE		

	abed		:	:
D.O.T. LOCATION:	Vol. 1	Vol. II	Sup. I	Sup. 11

	×		_										
CONDITIONS:	1 Inside	Outside	Both	2 Cold temp	3 Hot temp	4 Wet, humid	5 Noise, vibration	6 Hazards	7 Fumes	Odors	Toxic	Dust	Poor Ventilation

12 PG

10 <u>-</u>

H. S. Grade Completed:

×

On-the-Job Training Apprentice Training

Technical Institute

Business College

1 General Learning 2 Verbal Ability 3 Numerical Ability 4 Spatial Ability 5 Form Perception 6 Clerical Perception 7 Motor Coordination 8 Finger Dexterity 9 Manual Dexterity 10 Eye-Hand-Foot Coordination 11 Color Discrimination			Ľ	<u> </u>			'							
A 3 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity		Coordination	Color Discrimination	
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	SPECIAL REQUIREMENTS:					

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APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
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PHYSICAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling,	crawling	Manual dexterity	Talking, hearing	Visual acuity
PH	1	2	က		4	2	9

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=	- 1	
_	Dealing with things &	
	objects	
2	Business contact with	
	people	×
က	Routine, system	×
4	Social welfare	
2	Prestige, esteem	_
9	Communication of ideas	
7	Science & technology	_
ω	Abstraction, creativity	
တ	Machines, procedures	
0	Tangible results	
Ĭ	TEMPERAMENT:	
_	Varied duties,	
	frequent change	
2	Repeated, set procedures	×
ო	Matching specified	
İ	instructions	
4	Directing & planning	
اــــــــــــــــــــــــــــــــــــــ	for others	
ည	Working with others	×
9	Working alone & apart	
_	Influencing other	
	people's ideas	
œ	Risks, unexpected events.	L.
	emergencies	
6	Making empirical	_
	judgments, decisions	×
0	Analyzing facts and	
	figures	×
×	Interpreting personal	
	feelings	
>	Precision, accuracy	×

	Computing	Speaking-Sig	No Relation
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MELATION	Data:	People:	Things:
ž		2	က

OTHER TITLES: Assistant Console Operator

Tape Handler

PROJECT CAREER/GUIDANCE

CAREER PREPARATION ANALYSIS CHART

JOB TITLE: Computer Peripheral Machine Operator

DEFINITION: Operates on-line or off-line peripheral D.O.T. NO. 213,382 data from one form to another, print output, and machines according to instructions, to transfer

read data into and out of digital computer.

Key-punch Operator ENTRY LEVEL JOBS:

Console Operator RELATED JOBS:

EMPLOYMENT OUTLOOK: Rapid growth

HOURS: 40 (shift work)

AVERAGE EARNINGS:

\$135.00/week

2 UNION ASSOCIATION AFFILIATION:

None

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COURSE LOCATION:

D.O.T. LOCATION:		
Vol. I	bage	15
Vol. 11	"	27
Sup. I	"	38
Sup. 11		14

NTS:		×		×						
TOTAL EDUC/TRNG REQUIREMENTS:	H. S. Grade Completed: 10	12	PG	On-the-Job Training	Apprentice Training	Technical Institute	Business College	Junior or Community College	4-year College Grad.	Graduate School

HIGH SCHOOL COURSE OF STUDY:	۳
Career Development Program:	į
Architectual Careers	
Automotive Careers	
Business Careers	×
Electro Careers	
Graphic Arts Careers	
Health Careers	
Structural Careers	
Specific Occupational	
Education	

〈										no				
Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education		SPECIAL REQUIREMENTS:	Organized nature	Form and spatial perception	Eye-hand coordination			
ES:											154	274	38	14
ELECTIVES :											page	:	,,	

8	CONDITIONS:	
	Inside	×
	Outside	
	Both	
2	Cold temp	
2	Hot temp	
4	Wet, humid	
S	Noise, vibration	
9	Hazaros	
1	Fumes	
	Odors	
	Toxic	
	Dust	
	Poor Ventilation	

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PHYSICAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling, crawling	Manual dexterity	Talking, hearing	Visual acuity
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•	INTERESTS:	I Dealing with things &	objects	2 Business contact with	people	3 Routine, system	1 Social welfare	5 Prestige, esteem	6 Communication of ideas	7 Science & technology	8 Abstraction, creativity	9 Machines, procedures	7 Tangible results	
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1 Varied duties, 1 Varied duties, 2 Repeated, set procedures 3 Matching specified instructions 4 Directing & planning for others 5 Working with others 6 Working alone & apart 7 Influencing other 9 people's ideas 8 Risks, unexpected events, emergencies 9 Making empirical judgments, decisions 0 Analyzing facts and figures X Interpreting personal				×															<u> </u>	
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RELATION TO	1 Data:	2 People:	3 Things:
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CAREER PREPARATION ANALYSIS CHART

D.O.T. NO. 213,582

DEFINITION: Operates alphabetic and numeric key-punch machine similar to electric typewriter in operation, to transcribe data from

JOB TITLE: Keypunch Operator

source material onto punch cards. and produce prepunched data,

ENTRY LEVEL JOBS:

RELATED JOBS:

OTHER TITLES:

Printing-punch operator Card-punch operator

	×												
CONDITIONS:	1 Inside	Outside	Both	2 Cold temp	3 Hot temp	4 Wet, humid	5 Noise, vibration	6 Hazards	7 Fumes	Odors	Toxic	Dust	Poor Ventilation

EMPLOYMENT OUTLOOK:

Good

HOURS: 40/wk.

	×	×		×	×	×	×	×	×				
APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination	

Working alone & apart

Influencing other

people's ideas

Working with others

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Directing & planning

for others

Risks, unexpected events,

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judgments, decisions

Making empirical

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emergencies

Analyzing facts and

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figures

Interpreting personal

Precision, anduracy

feelings

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2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination	PHYSICAL DEMANDS:	J	- 1	3 Stooping, kneeling,	CI dwilling	ı	5 Talking, hearing	6 Visual acuity	

	Inside
TOTAL EDUC/TRNG REQUIREMENTS:	Outside
S. diade completed:	H
11	3 Hot temp
12	4 Wet, humid
	5 Noise, vibrati
On-the-Job Training X	1
Apprentice Training	7 Fumes
Technical Institute	Odors
Business College	Toxic
Junior or Community College X	Dust
4-year College Grad.	Poor Ventitat
Graduate School	
	APTITUDES:
	1 General Lear
HIGH SCHOOL COURSE OF STUDY:	2 Verbal Abili
	3 Numerical A
Career Development Program:	4 Spatial Abili
Architectual Careers	5 Form Percep
Automotive Careers	6 Clerical Perc
Business Careers X	7 Motor Coord
Electro Careers	8 Finger Dexte
Graphic Arts Careers	9 Manual Dext
Health Careers	10 Eye-Hand-
Structural Careers	Coordination
ccupational	11 Color Discrin
Education	
Blue Hills Regional X	
- 1	PHYSICAL DEMA
SPECIAL REQUIREMENTS:	1 Strength

Repeated, set procedures

frequent change

TEMPERAMENT: Varied duties, Matching specified

instructions

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Sup. II

Vol. I Sup. 1

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D.O.T. LOCATION:

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RELATION TO:	1 Data:	2 People	3 Things
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UNION ASSOCIATION AFFILIATION:

AVERAGE EARNINGS:

\$150/wk.

SUGGESTED CAREER ELECTIVES:

COURSE LOCATION:

SPECIAL

OTHER TITLES: Posting Machine Operator

Recording Clerk

PROJECT CAREER/GUIDANCE

CAREER PREPARATION ANALYSIS CHART

JOB TITLE: Bookkeeping - Billing Machine Operator

ERIC POWER TO THE PARTY OF THE

D.O.T. NO. 215,388 of financial transactions of an establishment DEFINITION: Records complete set of records in the same manner as a bookkeeper

using a bookkeeping machine.

ENTRY LEVEL JOBS:

RELATED JOBS:

EMPLOYMENT OUTLOOK:

Increase slowly

40/wk. HOURS:

AVERAGE EARNINGS:

\$70 - \$130/wk.

UNION ASSOCIATION AFFILIATION:

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SUGGESTED CAREER ELECTIVES:					
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ATION:		
COURSE LOCATION:	-	

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TOTAL EDUC/TRNG REQUIREMENTS:	NTS:
H. S. Grade Completed: 10	
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12	
PG	
On-the-Job Training	
Apprentice Training	
Technical Institute	×
Business College	×
Junior or Community College	×
4-year College Grad.	
Graduate School	

Graphic Arts Careers Health Careers Structural Careers Specific Occupational Education	HIGH SCHOOL COURSE OF STUDY: Career Development Program: Architectual Careers Automotive Careers Business Careers Electro Careers	
ייתתרמווטוו	Graphic Arts Careers Health Careers Structural Careers Specific Occupational	
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Business Careers

NTS:

1 Inside Outside Both 2 Cold temp 3 Hot temp 4 Wet, humid 5 Noise, vibration 6 Hazards 7 Fumes Odors Toxic Poor Ventilation	NOS	CONDITIONS:	
Outside Both Cold temp Hot temp Wet, humid Noise, vibration Hazards Fumes Odors Toxic Dust	-	opiso	×
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		oise, vibration	
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Odors Toxic Dust Poor Ventilation	7 F	umes	
Toxic Dust Poor Ventilation	0	dors	
Dust Poor Ventilation	ř.	oxic	
Poor Ventilation	ا ۵	ust	
	Pc	Poor Ventilation	

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APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
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PHYSICAL DEMANDS:	1 Strength	2 Climbing, balancing	3 Stooping, kneeling,	crawling	4 Manual dexterity	5 Talking, hearing	6 Visual acuity

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INTERESTS:	Dealing with things &	objects	Business contact with	people	Routine. system	Social welfare	Prestige, esteem	Communication of ideas	Science & technology	Abstraction, creativity	Machines, procedures	Tangible results	
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F	TEMPERAMENT	
-	Varior	
<u>-</u>	Varied duries,	
	frequent change	
7	Repeated, set procedures	
ო	Matching specified	
	instructions	×
4	Directing & planning	
	for others	
သ	Working with others	
9	Working alone & apart	
_	Influencing other	
	people's ideas	
ω	Risks, unexpected events,	
	emergencies	
6	Making empirical	
	judgments, decisions	
0	Analyzing facts and	
	figures	
×	Interpreting personal	
	feelings	
>	Precision, accuracy	×

	compiling	no relation	no relation
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RELATION	l :Data:	2 People:	3 Things:

CAREER PREPARATION ANALYSIS CHART

OTHER TITLES:

Dealing with things &

objects

INTERESTS:

CONDITIONS

Business contact with

Routine, system

က

people

DEFINITION: Computes wages and posts wage data to payroll records. Computes ea from time sheets and work tickets

JOB TITLE: Payroll Clerk

ENTRY LEVEL JOBS:

Recorder

Posting Clerks RELATED JOBS:

Record Keepers EMPLOYMENT OUTLOOK:

Moderate

40 hours HOURS:

AVERAGE EARNINGS:

\$130.00/week

UNION ASSOCIATION AFFILIATION:

Arith Cler SUGGES

CATION:		
COURSE LOCATION:		

D.O. I. LOCATION:		
Vol. 1	bage	525
Vol. 11		280
Sup. I	:	38
Sup. 11	2	16

D.O.T. NO. 215.488	TOTAL EDUC/TRNG REQUIREMENTS:	e Completed: 10	 12 X	PG	Training	Training	Institute	X	Community College	ege Grad.	chool
sts wage D.O. arnings	TOTAL EDUC/TRI	H. S. Grade Completed:			On-the-Job Training	Apprentice Training	Technical Institute	Business College	Junior or Community College	4-year College Grad.	Graduate School

Communication of ideas

Prestige, esteem

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Social welfare

4

Abstraction, creativity Science & technology

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Machines, procedures

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Tangible results

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TEMPERAMENT: Varied duties,

HIGH SCHOOL COURSE OF STUDY:	;;
Career Development Program:	
Architectual Careers	
Automotive Careers	
Business Careers	×
Electro Careers	
Graphic Arts Careers	
Health Careers	
Structural Careers	
Specific Occupational	
Education	

STED CAREER ELECTIVES:	Business Care
hmetic	Electro Care
ical Subjects	Graphic Arts
	Health Caree
	Structural Ca
	Specific Occu
	Education
E LOCATION:	
	SPECIAL PE
	preference
OCATION:	strong arit
page 522	

5 Form Perception	3 Numerical Ability 4 Spatial Ability	Verbal /	1 General Learning	APTITUDES:		Poor Ventilation	Toxic	Odors	7 Fumes	6 Hazards	5 Noise, vibration	4 Wet, humid	3 Hot temp	2 Cold temp	Both	Outside	1 Inside	
		۲					×			<u>.</u>		×				N.FS:		
		OF STUDY:									PG	12	=	0		REQUIREMENTS:		
	ogram:	SE OF				and and a										REGUI		

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APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity) Eye-Hand-Foot	Coordination	1 Color Discrimination	
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Working alone & apart

Influencing other

Working with others

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for others

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Directing & planning

Repeated, set procedures

frequent change

Matching specified

instructions

		-								
people's ideas	Risks, unexpected events,	emergencies	Making empirical	judgments, decisions	Analyzing facts and	figures	Interpreting personal	feelings	Precision, accuracy	
	œ	-	6		0		×		➤	
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PHYSICAL DEMANDS:

Strength

for clerical detail thmetic ability

QUIREMENTS:

2 Climbing, balancing 3 Stooping, kneeling.

Stooping, kneeling,

crawling

	Computing	No relation	No relation
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RELATION TO:	Data:	People:	Things
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Manual dexterity Talking, hearing Visual acuity

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CAREER PREPARATION ANALYSIS CHART PROJECT CAREER/GUIDANCE

CAREEROGRAM

OTHER TITLES: May be designated according to type of accounting.

Accounting Clerk JOB TITLE:

calculating, posting, and typing duties DEFINITION: Performs variety of routine to accomplish accounting.

219.488

D.O.T. NO.

ENTRY LEVEL JOBS:

Audit machine operator

RELATED JOBS: Bookkeeper

EMPLOYMENT OUTLOOK: Payroll clerk

Very slow to slow increase

40 hours

\$489 to \$628/month AVERAGE EARNINGS:

UNION ASSOCIATION AFFILIATION: None

SUGGESTED CAREER ELECTIVES: Arithmetic Bookkeeping Clerical subjects	
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COURSE LOCATION:

Page 28(Vol. 1 Vol. 1 Vol. 11 Sup. 1
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TOTAL EDUC/TRNG REQUIREMENTS:	NTS:
H. S. Grade Completed: 10	
12	×
PG	
On the Job Training	
Apprentice Training	
Technical Institute	
Business College	×
Junior or Community College	
4-year College Grad.	
Graduate School	
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CTIVES: Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education		SPECIAL RED	Strong arit	Preference	2	280	
ers	S.	Careers		reers	pational			SPECIAL REQUIREMENTS:	Strong arithmetic ability	Preference for clerical de			

ಶ	CONDITIONS:	
	•	
	Inside	×
	Outside	
	Roth	
~	Cold temp	
က	Hat temp	
4	Wet, humid	
ısı	Noise, vibration	
ဖြ	Hazards	
7	Fumes	
	Odors	
	Toxic	
	Dust	
	Poor Ventilation	

٦	APTITUDES:		
	General Learning	×	
2	Verbal Ability		
က	Numerical Ability	×	
4	Spatial Ability		
2	Form Perception	×	
9	Clerical Perception	×	
7	Motor Coordination	×	
8	Finger Dexterity	×	
6	Manual Dexterity	×	
	Eye-Hand-Foot		
	Coordination		
_	Color Discrimination		

	v.	}			×		×	
PHYSICAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling,	crawling	Manual dexterity	Talking, hearing	-	
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ical detail

						×								
	INTERESTS:	Dealing with things &	objects	Business contact with	people	Routine, system	Social welfare	Prestige, esteem	Communication of ideas	Science & technology	Abstraction, creativity	Machines, procedures	Tangible results	
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TEMPERAMENT:	1 Varied duties,	- 1	2 Repeated, set procedures	3 Matching specified	instructions	4 Directing & planning	for others	5 Working with others	6 Working alone & apart	7 Influencing other	people's ideas	8 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figures	X Interpreting personal	feelings	Y Precision, accuracy	

	Computing	No relation	No relation
10	4	∞	8
RELATION TO:	Data:	People:	Things:
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CAREER PREPARATION ANALYSIS CHART

Reception Clerk OTHER TITLES: Dealing with things &

objects

INTERESTS:

CONDITIONS:

Business contact with

Routine, system

people

Social welfare

DEFINITION: Receives clients or customers

JOB TITLE: Receptionist

coming into an establishment, asce their wants and directs them accor-

ENTRY LEVEL JOBS: Messenger

RELATED JOBS:

Host-Hostess

EMPLOYMENT OUTLOOK: Moderate increase

HOURS:

Irregular (average 40)

\$90.00-\$100.00 week AVERAGE EARNINGS:

UNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES: Public speaking	Poise and department				
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ON:	
COURSE LOCATION:	
COURSE	

D.O.T. LOCATION:		
Vol. I	aged.	25
Vol. 11	:	2
Sup. I	=	7
Sup. II	:	

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D.O.T. NO.	dingly. TOTAL EDUC/TRNG REQUIREMENTS:	H. S. Grade Completed:				Training	Training	nstitute	llege	Junier or Community College	ge Grad.	chool	
omers ertains	dingly.	H. S. Grade				On-the-Job Training	Apprentice Training	Technical Institute	Business College	Junier or C	4-year College Grad.	Graduate School	

Communication of ideas

Prestige, esteem

Abstraction, creativity Science & technology

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Machines, procedures

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Tangible resuits

TEMPERAMENT: Varied duties,

HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	Architectual Careers	Automotive Careers	Business Careers X	ro Careers	Graphic Arts Careers	th Careers	Structural Careers	Specific Occupational	ation
нівн ѕсн	Career Dev	Architectua	Automotiv	Business Ca	Electro Careers	Graphic Ar	Health Careers	Structural	Specific Oc	Education

CTIVES: Business Careers	Electro Careers	Graphic Arts Care	Health Careers	Structural Careers	Specific Occupation	Education		SPECIAL REQUIR	Speaking abil	Tactfulness	586	' 258 Exactness & at	44
EER ELECTIVES:		artment		•							දු කුපේ	2	:

	1 Inside	Outside	Both	2 Cold temp.	3 Hot temp	4 Wet, humid	5 Noise, vibration	6 Hazards	7 Fumes	Odors	Toxic	Dust	Poor Ventilation		APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception		8 Finger Dexterity	10 Eve Unad Con.
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Repeated, set procedures

frequent change

Matching specified

instructions

Directing & planning

for others

Working with others

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APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination
APT	-	2	က	4	2	9	7	8	6	0		11

	Compiling	Speaking-signal	No relation
10:	3	9	8
RELATION TO	Data:	People:	Things:
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PHYSICAL DEMANDS:

Strength

REMENTS: ity

Climbing, balancing Stooping, kneeling,

Manual dexterity Talking, hearing Vicini

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crawfing

Com	Spea	No r
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Data:	People:	Things:
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JOB TITLE:

PROJECT CAREER/GUIDANCE

CAREER PREPARATION ANALYSIS CHART

Business Machine Mechanic Office Machine Repairman

OTHER TITLES:

Dealing with things &

INTERESTS:

CONDITIONS:

Business contact with

objects

Routine, system

people

Social welfare

4 ഗ ဖ

CAREEROGRAM

Office Machine Repairperson

633.281 DEFINITION: Repairs and services office machines.o.r. MO. machines, and typewriters, using handtools, such as adding, accounting, and calculating

power tools, micrometers and welding equipment.

ENTRY LEVEL JOBS:

Apprentice Trainee

RELATED JOBS:

Assembly Technician EMPLOYMENT OUTLOOK: Very rapid increase Machine Analyst

HOURS:

40 (may be irregular)

AVERAGE EARNINGS:

\$150.00 to \$250.00/week

UNION ASSOCIATION AFFILIATION: None

		,—	_	_	-
SUGGESTED CAREER ELECTIVES:	Industrial Arts - metals	Electricity - electronics	Model building	Crafts	

COURSE LOCATION:		
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D.O.T. LOCATION:	Vol. i	Vol. 11	Sup. 1	Sup. II

TOTAL EDUC/TRNG REQUIREMENTS:	ENTS:
n. 3. Grade Completed: 10	
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12	×
Dd	
On-the-Job Training	
Apprentice Training	×
Technical Institute	
Business College	
Junior or Community College	
1-year College Grad.	
Graduate School	

Communication of ideas

Noise, vibration

Hazards

Fumes

Odors Toxic

Wet, humid

₹

Hot temp

Cold temp

Outside

Both

Inside

Prestige, esteem

Abstraction, creativity

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Machines, procedures

Tangible results

TEMPERAMENT: Varied duties,

Poor Ventilation

Dust

Science & technology

Ω Υ:		L		_	×		ļ.,				-
HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education	
-	0	۹	٩	8	ш	G	I	S	Ś	w	

HIGH SCHOOL COURSE OF STUDY:	;;
-	
Career Development Program:	
Architectual Careers	
Automotive Careers	
Business Careers	
Electro Careers	×
Graphic Arts Careers	
Health Careers	
Structural Careers	
Specific Occupational	
Education	

	×	×	×		×	×	×						П			
2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination	·	PHYSICAL DEMANDS:	1 Strength	2 Climbing, balancing	3 Stooping, kneeling,	crawling

Risks, unexpected events.

Working alone & apart

9

Influencing other

people's ideas

Working with others

Directing & planning

for others

Repeated, set procedures

frequent change

Matching specified

1 General Learning

APTITUDES:

instructions

	_			×			×	
emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figures	X Interpreting personal	feelings	Y Precision, accuracy	

	Analyzing	No relation	Precision wo
T0:	7	∞	П
RELATION .	1 Data:	2 People:	3 Things:

Manual dexterity

4

Patience and proper judgement

Ability to use tools

Finger and manual dexterity Everhand ccordination

SPECIAL REQUIREMENTS:

5 Talking, hearing Visual acuity

2	9
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USOE CLUSTER # 3

COMMUNICATIONS AND MEDIA

CAREER PREPARATION ANALYSIS CHART

OTHER TITLES:

Dealing with things &

INTERESTS:

017.281

D.O.T. NO.

Business contact with

objects

Routine, system

people

Social welfare

Draws black on white scale drawings, requiring extremely precise draftsmanship. Determines scaled dimensions. DEFINITION:

Draftsman/Draftswoman

JOB TITLE:

ERIC.

ENTRY LEVEL JOBS:

RELATED JOBS:

EMPLOYMENT OUTLOOK:

Fair HOURS:

AVERAGE EARNINGS: 40 hour week

UNION ASSOCIATION AFFILIATION: \$7,000 - \$9,000 year

SUGGESTED CAREER ELECTIVES:			

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COURSE LOCATION:		
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D.O.T. LOCATION:		
Vol. I	bage	21
Vol. 11	z	37
Sup. 1	:	
Sup. 11	:	60

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HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education	Blue Hills Regional

PHYSICAL DEMANDS:

Strength

Climbing, balancing Stooping, kneeling,

Manual dexterity Talking, hearing Visual acuity

4 ഹ

crawfing

႘	CONDITIONS:	
-	Inside	×
	Outside	
	Both	
2	Cold temp	
က	Hot temp	•
4	Wet, humid	
2	Noise, vibration	
9	Hazards	
7	Fumes	
	Odors	
	Toxic	
	Dust	
	Poor Ventilation	

Communication of ideas

9

Prestige, esteem

S

Science & technology

Abstraction, creativity

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Machines, procedures

Tangible results

TEMPERAMENT: 1 Varied duties,

	×		×	×	×	×							
APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
AP	-	2	3	4	2	9	7	8	6	9		11	

Repeated, set procedures

frequent change

	Analyzing	No Relation	Precision V
10:	2	80	
RELATION TO:	Data:	People:	Things:
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T.V./Radio Repairperson Television Repairperson

OTHER TITLES:

PROJECT CAREER/GUIDANCE

CAREER PREPARATION ANALYSIS CHART

T.V./Radio Repairperson JOB TITLE:

ERIC A a la la course y acc

Repairs and adjusts radios and television receivers DEFINITION:

ENTRY LEVEL JOBS:

RELATED JOBS:

D.O.T.

CONDITIONS:	1 Inside	Outside	Both	2 Cold temp	3 Hot temp	4 Wet, humid	5 Noise, vibration	6 Hazards	7 Fumes	Odors	Toxic	Dust	Poor Ventilation
								E		Vr	,		
281		NTS:		_		×		3-6 mo. 6		2-4 Vr			
720.281		REME		2	11	12	PG	×		×			
D.O.T. NO.		TOTAL EDUC/TRNG REQUIREMENTS:		H. S. Grade Completed:				On-the-Job Training	Apprentice Training	Technical Institute	Business College	Junior or Community College	4-year College Grad.
		TOTAL		H. S. G				On the	Appren	Technic	Busines	Junior	4-year (

EMPLOYMENT OUTLOOK:

Good

HOURS:

Graduate School

:	 ×												
CONDITIONS:	1 Inside	Outside	Both	2 Cold temp	3 Hot temp	4 Wet, humid	5 Noise, vibration	. 6 Hazards	7 Fumes	Odors	Toxic	Dust	Poor Ventilation
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t temp	4 . Socia	cia.
t, humid	5 Pro	Presti
ise, vibration	[ာ] 9	Com
zards	os /	Scien
mes	8 At	Abstr
lors	9 W	Mach
xic	0 Ta	Tangi
st		
or Ventilation	TEMPER	ER
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	fre	frequ

2 Repeated, set procedures

ent change

AMENT d duties, Matching specified

Directing & planning

Working with others

	×	×		×		×							
APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye—Hand – Foot	Coordination	11 Color Discrimination	

۱P٦	APTITUDES:		
1	General Learning	×	
2	Verbal Ability	×	
3	Numerical Ability		
4	Spatial Ability	×	
5	Form Perception		
9	Clerical Perception	×	
7	Motor Coordination		
8	Finger Dexterity		
6	Manual Dexterity		
0	Eye-Hand-Foot		
	Coordination		
_	Color Discrimination		

1 Data: 2		×	4 Manual dexterity
RELATION TO			crawling
			3 Stooping, kneeling,
			2 Climbing, balancing
Y Precision, ac		Σ	1 Strength
feelings			PHYSICAL DEMANDS:
X Interpreting			
ເສາກຄົ້າ			
0 Analyzing fa			
judgments, c			11 Color Discrimination
9 Making emp			Coordination
emergencies			10 Eye-Hand-Foot
8 Risks, unexp	,		9 Manual Dexterity
people's idea			8 Finger Dexterity
7 Influencing			7 Motor Coordination
6 Working alo	·	×	6 Clerical Perception
5 Working wit			5 Form Perception
for others		×	4 Spatial Ability
4 Directing &	_		3 Numerical Ability
instructions		×	2 Verbal Ability
3 Matching sp		×	1 General Learning

Specific Occupational

Education

COURSE LOCATION:

Structural Careers

Health Careers

Graphic Arts Careers

Business Careers Electro Careers

SUGGESTED CAREER ELECTIVES:

INTERESTS:	Dealing with things &	objects	Business contact with	people	Routine, system	Social welfare	Prestige, esteem	Communication of ideas	Science & technology	Abstraction, creativity	Machines, procedures	Tangible results	
INT	-		2		ဗ	4	5	9	7	8	6		
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n	Working alone & apart	Influencing other	people's ideas	Risks, unexpected events,	emergencies	Making empirical	judgments, decisions	Analyzing facts and	ເລາກຄື	Interpreting personal	feelings	Precision, accuracy	
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page

D.O.T. LOCATION:

Sup. 11

Vol. II Sup. I

Vol. I

SPECIAL REQUIREMENTS:

, in	Stooping, knee	crawling	Manual dexteri	Talking, hearin	Visual acuity	
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	Analyzing	No Relation	Precision Work
5	2	æ	н
MELAILON	1 Data:	2 People:	3 Things:
_			

Talking, hearing

UNION ASSOCIATION AFFILIATION:

\$3.50 - \$6.50 an hour

40 hour week AVERAGE EARNINGS: HIGH SCHOOL COURSE OF STUDY:

Career Development Program:

Architectual Careers Automotive Careers

Electronics Assemblyperson

JOB TITLE:

PROJECT CAREER/GUIDANCE

CAREER PREPARATION ANALYSIS CHART

CAREEROGRAM

OTHER TITLES:

Bench Assembler Wireman

D.O.T. NO. 726.781

DEFINITION: Assembles electronic equipment using electronic test equipment, handtools, and power tools and following blueprints, wiring diagrams and

manufacturing standards. ENTRY LEVEL JOBS.

Radio-Transmitter Assembler RELATED JOBS:

EMPLOYMENT OUTLOOK: Moderate Increase

HOURS: 40 hours

AVERAGE EARNINGS:

\$2.15 to \$3.75 hour

International Brotherhood of UNION ASSOCIATION AFFILIATION: Electrical Workers et.al. SUGGESTED CAREER ELECT Blueprint Reading Craft Projects Metal Working Electronics

ION:		
COURSE LOCATION:		
COURSI		

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D.O.T. LOCATION:	Vol. 1	Vol. 11	Sup. 1	Sup. 11	

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H. S. Grade Completed:	10	
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On-the-Job Training	×	ļ
Apprentice Training		_
Fechnical Institute		T
Business College	-	7-
Junior or Community College		T
4-year College Grad.		
Graduate School		т —
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HIGH SCHOOL COURSE OF STUDY:	نز
Career Development Program:	
Architectual Careers	
Automotive Careers	
Business Careers	
Electro Careers	×
Graphic Arts Careers	
Health Careers	
Structural Careers	
Specific Occupational	
Education	

Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education		. REQUIREM	Manual & Finger dex	Patience	Work within close to			
rives:											245	319	196	47

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ರ	CONDITIONS:	
-	Inside	×
	Outside	
	Both	
2	Cold temp	
3	Hot temp	
4	Wet, humid	
2	Noise, vibration	
9	Hazards	
7	Fumes	
	Odors	
	Toxic	
	Dust	
ı	Poor Ventilation	

9	AFTITUDES:	
	General Learning	×
7	Verbal Ability	
က	Numerical Ability	
4	Spatial Ability	×
5	Form Perception	×
9	Clerical Perception	
7	Motor Coordination	×
8	Finger Dexterity	×
6	Manual Dexterity	×
10	Eye-Hand-Foot	
	Coordination	
-	Color Discrimination	

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	PHYSICAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling,	crawling	Manual dexterity	Talking, hearing	Visual acuity
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INTERESTS:
objects Business o
people
Routine, system Social welfare
Prestige, esteem
Communication
Science & technology
Abstraction, creativity
Machines, procedures
Tangible results
EMPERAMENT:
Varied duties,
frequent change
Repeated, set
Matching specified
instructions
Directing &
for others
Working with
Working alone
Influencing other
people's ideas
Risks, unexpected
emergencies
Making empirical
judgments,
Analyzing facts
figures
Interpreting
feelings
Precision, accuracy
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	No Relation	No Relation	Precision Work
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RELATION TO:	Data:	People:	Things:
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CAREER PREPARATION ANALYSIS CHART PROJECT CAPPER/GUIDANCE

OTHER TITLES:

DEFINITION: Installs, maintains and repairs telephone and telegraph and electrical power lines.

D.O.T. NO.821.381

ENTRY LEVEL JOBS:

RELATED JOBS:

EMPLOYMENT OUTLOOK:

Fair HOURS:

40 week

AVERAGE EARNINGS:

\$3.75

UNION ASSOCIATION AFFILIATION:

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SUGGESTED CAREER ELECTIVES:					
SUGGESTED					

COURSE LOCATION:	
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D.O.T. LOCATION:		
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Vol. 11	:	m
Sup. 1	2	12
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TOTAL EDUC/TRNG REQUIREMENTS:	FNTS:
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21	12 X
PG	
On-the-Job Training 3 - 6 mo. x	×
Apprentice Training 2 - 4 vrs., X	S. X
Technical Institute	
Business College	
Junior or Community College	
4-year College Grad.	-
Graduate School	

HIGH SCHOOL COURSE OF STUDY:	يزا
Career Development Program:	
Architectual Careers	
Automotive Careers	
Business Careers	
Electro Careers	×
Graphic Arts Careers	
Health Careers	
Structural Careers	
Specific Occupational	
Education	

ELECTIVES:	Business Careers
	Electro Careers
	Graphic Arts Careers
	Health Careers
	Structural Careers
	Specific Occupational
	Education
	SPECIAL REQUIREMENT

page 424	
312	
241	
46	

Cold temp Hot temp Wet, humid Noise, vibration Hazards Fumes Odors
Dust

	APTITUDES:	
ق	General Learning	X
>	Verbal Ability	
Z	Numerical Ability	×
S	Spatial Ability	×
ш	Form Perception	×
O	Clerical Perception	
2	Motor Coordination	
щ	Finger Dexterity	×
2	Manual Dexterity	×
Е	Eye-Hand-Foot	
O	Coordination	-
ပ	Color Discrimination	

		_			T	·		_
	H	×		× 	×	×	×	
PHYSICAL DEMANDS:	1 Strength	2 Climbing, balancing	3 Stooping, kneeling,	crawling	4 Manual dexterity	5 Talking, hearing	6 Visual acuity	

I	INTERECTE.	
	Dealing with things &	
	objects	×
8	Business contact with	
	people	
က	Routine, system	L
4	Social welfare	
ស	Prestige, esteem	
9	Communication of ideas	
7	Science & technology	
8	Abstraction, creativity	
6	Machines, procedures	×
0	Tangible results	×
,		
TEN	EMPERAMENT:	
_	Varied duties,	
	frequent change	
2	Repeated, set procedures	
m	Matching specified	
	instructions	
4	Directing & planning	
_	for others	•
2	Working with others	
_	Working alone & apart	
	Influencing other	
3	people's ideas	
<u>ω</u>	Risks, unexpected events.	
a)	emergencies	
6	Making empirical	-
Ė	judgments, decisions	
0	Analyzing facts and	:

1 Data: 3 compiling 2 People: 8 no relation 3 Things: 1 precision work	~	ELATION	Ö	
8 no relatio	 -	Data:	m	compiling
s. l precision	 7	People:	œ	relat
	 က	Things:	~	ion

Interpreting personal

figures

Precision, accuracy

feelings

CAREEROGRAM

Electromedical

OTHER TITLES:

CONDITIONS

PROJECT CAREER/GUIDANCE

CAREER PREPARATION ANALYSIS CHART ı B.M.E.T. JOB TITLE:

Technician

828-281 D.O.T. NO. equipment following schematic diagrams and DEFINITION: Tests and repairs electromedical using hand tools and test meters.

ENTRY LEVEL JOBS:

RELATED JOBS:

EMPLOYMENT OUTLOOK:

HOURS:

ಲ್ಲು AVERAGE EARNINGS: ೧೩

UNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES:

ION:	-	
COURSE LUCATION:		
COURSE		

SPECIAL REQUIREMENTS:

	245	312	198	42
	page		31	:
D.O.T. LOCATION:	Vol. I	Vol. 11	Sup. I	Sup. 11

Graduate School	
Gradua	

HIGH SCHOOL COURSE OF STUDY:	1
	1
Career Development Program:	
Architectual Careers	
Automotive Careers	ĺ
Business Careers	
Electro Careers	1
Graphic Arts Careers	1
Health Careers	
Structural Careers	ı
Specific Occupational	
Education	
	ĺ

HIGH SCHOOL COURSE OF STUDY: Career Development Program: Architectual Careers Business Careers Business Careers Graphic Arts Careers Health Careers Specific Occupational Education

HGH SCHOOL COURSE OF STUDY:	
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Architectual Careers	
Automotive Careers	
usiness Careers	
lectro Careers	×
iraphic Arts Careers	
ealth Careers	
tructural Careers	
pecific Occupational	
ducation	

PHYSICAL DEMANDS: 1 Strength 2 Climbing, balancing 3 Stooping, kneeling, crawling 4 Manual dexterity 5 Talking, hearing 6 Visual acuity	1								
		PHYSICAL DEMANDS:	1 Strength	2 Climbing, balancing	3 Stooping, kneeling,	crawling	4 Manual dexterity	5 Talking, hearing	6 Visual acuity
		İ							

Equipment Repairman	INTERESTS:	1 Dealing with things &	objects	2 Business contact with	people	3 Routine, system	4 Social welfare	5 Prestige, esteem	6 Communication of ideas	7 Science & technology	8 Abstraction, creativity	9 Machines, procedures	0 Tangible results	
			×											

Noise, vibration

2

12 PG

Hazards Fumes

9

On-the-Job Training Apprentice Training

Technical Institute

Business College

Odors Toxic

4 Wet, humid

Hot temp

Cold temp

2 2

H. S. Grade Completed:

Outside

TOTAL EDUC/TRNG REQUIREMENTS:

Both

Inside

															_			×			×	
	TEMPERAMENT:	1 Varied duties,	frequent change	2 Repeated, set procedures	3 Matching specified	instructions	4 Directing & planning	for others	5 Working with others	6 Working alone & apart	7 Influencing other	peopie's ideas	8 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figurës	X Interpreting personal	feelings	Y Precision, accuracy	
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Mctor Coordination Clerical Perception

Manual Dexterity Eye-Hand-Foot

Finger Dexterity

ω 6 10 Color Discrimination

Coordination

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Numerical Ability

က 4 2 9

Verbal Ability

Form Perception

Spatial Ability

General Learning

APTITUDES:

Poor Ventilation

Dust

Junior or Community College

4-year College Grad.

Analy zing	No Relation	Precision Wo
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Data:	People:	Things:
-	7	က

JOB TITLE: Cable Splicer

PROJECT CAREER/GUIDANCE CAREER PREPARATION ANALYSIS CHART

CAREEROGRAM

OTHER TITLES:

DEFINITION: Splices conductor cables used to lower electrical testing or surveying instruments into oil or gas well or bore holes using handtools.

829.381

ENTRY LEVEL JOBS:

RELATED JOBS:

EMPLOYMENT OUTLOOK:

Fair - Good

HOURS:

40 week

AVERAGE EARNINGS: \$3.50 - \$4.50 hour UNION ASSOCIATION AFFILIATION:

IBEW

SUGGESTED CAREER ELECTIVES:			

CATION:		
COURSE LOCATION:		

	D.O. I. LOCATION:		
	Vol. I	Dage	1
<u> </u>	Vol. II		10
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TOTAL EDUC/TRNG REQUIREMENTS:	NTS:
H. S. Grade Completed: 10	
11	
12	×
PG	ļ
On-the-Job Training	×
Apprentice Training	
Technical Institute	
Business College	
Junior or Community College	
4-year College Grad.	
Graduate School	

HIGH SCHOOL COURSE OF STUDY:	1
Career Development Program:	
Architectual Careers	
Automotive Careers	
Business Careers	
Electro Careers	×
Graphic Arts Careers	
Health Careers	-
Structural Careers	
Specific Occupational	
Education	

100		
LECTIVES	VES:	Business Careers
		Electro Careers
		Graphic Arts Careers
		Health Careers
		Structural Careers
		Specific Occupational
		Education
		SPECIAL REQUIREMENTS
bage	90	
:	312	
:	245	
:	40	

ಶ	CONDITIONS:	
-	7	
-	Liside	
ı	Outside	×
	Both	×
5	Cold temp	
3	Hot temp	
4	Wet, humid	
2	Noise, vibration	
9	Hazards	×
7	Fumes	
	Odors	
	Toxic	
	Dust	
i	Poor Ventilation	

	×		×	×	×		×	×	×				
APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination	

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4	PHYSICAL DEMANDS:				į
-	Strength	L	<u>L</u> .	>	ته
2	Climbing, balancing	×	J		
m	Stooping, kneeling,	:			
	crawling	×		RELA	5
*	Mainual dexterity	×	L		۵
เก	Talking, hearing		<u></u>	7	P
හ	Visual acuity	×	<u></u>	67	片
				,	

1 Dealing with things & objects 2 Business contact with people 3 Routine, system 4 Social welfare 5 Prestige, esteem 5 Communication of ideas 7 Science & technology 8 Abstraction, creativity 9 Machines, procedures 7 Science & technology 8 Abstraction creativity 9 Machines, procedures 1 Feperated, set procedures 9 Machines, procedures 1 Feperated, set procedures 1 Machines specified instructions 9 Directing & planning for others 1 Morking with others 1 Working alone & apart Influencing other people's ideas 1 Risks, unexpected events, emergencies 1 Making empirical indgments, decisions 2 Analyzing facts and figures 1 Interpreting personal			× —									×	×		_						•							-			× —		
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CAREER PREPARATION ANALYSIS CHART

OTHER TITLES:

JOB TITLE: Allied Printing Trades

ERIC Profess Provided by ERIC

DEFINITION: Etches images on surface of photographically or pantographically engraved printing rollers

D.O.T. NO. 971,281

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TOTAL EDUC/TRNG REQUIREMENT	EME	E.
H. S. Grade Completed:	10	
	11	_
	12	×
	PG	<u></u>
On-the-Job Training		×
Apprentice Training		×
Technical Institute		L.
Business College		L_
Junior or Community College		
4-year College Grad.		
Graduate School		

Lithographer, Photoengraver,

RELATED JOBS:

Hand Etcher Helper

ENTRY LEVEL JOBS:

Other Craft Positions

EMPLOYMENT OUTLOOK:

Decline Slowly

	×					_							
CONDITIONS:	1 Inside	Outside	Both ·	2 Cold temp	3 Hot temp	4 Wet, humid	5 Noise, vibration	6 Hazards	7 Fumes	Odors	Toxic	Dust	Poor Ventilation

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	PTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
	ď	1	2	က	4	2	9	7	8	6	0		1	

HIGH SCHOOL COURSE OF STUDY:

Career Development Program:

Lithographers and Photoengraver

International Union

UNION ASSOCIATION AFFILIATION:

\$3.85 to \$6.53/hour

A AVERAGE EARNINGS:

HOURS: 40 hours

Architectual Careers **Automotive Careers**

Business Careers Electro Careers

SUGGESTED CAREER ELECTIVES:

Chemistry

Physics

Graphics

Specific Occupational

Education

COURSE LOCATION:

Structural Careers

Health Careers

Graphic Arts Careers

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	ITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination

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PHYSICAL DEMANDS:	1 Strength	2 Climbing, balancing	3 Stooping, kneeling, crawling	4 Manual dexterity	5 Talking, hearing	6 Visual acuity	

=	INTERESTS:	
-	Dealing with things &	>
	objects	4
7	Business contact with	
	people	
က	Routine, system	
4	Social welfare	
2	Prestige, esteem	
9	Communication of ideas	
7	Science & technology	-
8	Abstraction, creativity	
6	Machines, procedures	×
0	Tangible results	×

TEMPERAMENT

1 Varied duties, frequent change 2 Repeated, set procedures 3 Matching specified instructions 4 Directing & planning for others 5 Working with others 6 Working alone & apart 7 Influencing other people's ideas 8 Risks, unexpected events, emergencies 9 Making empirical judgments, decisions 0 Analyzing facts and figures X Interpreting personal feelings ' Precision, accuracy				_		_			Ĺ.			_	×	<u> </u>		×
	1 Varied duties, frequent change	}	instructions		for others		7 Influencing other	people's ideas		emergencies	judgments, decisions	0 Analyzing facts and	figures		feelings	Precision,

RELATION TO:	Data: 2 Analyzing	People: 8 No Relation	Things: 1 Precision Wor
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D.O.T. LOCATION:		
Vol. I	page 256	256
Vol. 11	:	317
Sup. I	:	278
Sup. II	:	46

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Hard Craftsmanship Eye-hard coordination Ability to learn and armly	craft techniques	4
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USOE CLUSTER # 4

CONSTRUCTION



OTHER TITLES: May be designated according

to specialty

CAREER PREPARATION ANALYSIS CHART PROJECT CAREER/GUIDANCE

Construction Engineer JOB TITLE:

ERIC

DEFINITION: Plans and designs details of structures and oversees their erection.

ENTRY LEVEL JOBS:

005.081 D.O.T. NO.

TOTAL EDUC/TRMG REQUIREMENTS:	NTS:
H. S. Grade Completed: 10	
1	
12	
PG	
On the Job Training	×
Apprentice Training	
Technical Institute	
Business College	
Junior or Community College	
4-year College Grad.	×
Graduate School	

Favorable - Some Increase

Industrial Engineering EMPLOYMENT OUTLOOK:

Civil Engineering

RELATED JOBS:

Draftsman

			×										
CONDITIONS:	I Inside	Outside	Both	2 Cold temp	3 Hot temp	4 Wet, humid	5 Noise, vibration	6 Hazards	7 Fumes	Odors	Toxic	Dust	Poor Ventilation

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	×	×	×	×	×								
APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination	

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HIGH SCHOOL COURSE OF STUDY:

Career Development Program:

American Federation of Technical

Engineers

Architectual Careers **Automotive Careers**

Business Careers Electro Careers

SUGGESTED CAREER ELECTIVES:

Drafting

Languages - Mathematics

Higher Sciences

Physics

Speech

Specific Occupational

Education

COURSE LOCATION:

Structural Careers

Health Careers

Graphic Arts Careers

Working alone & apart

Influencing other

people's ideas

Working with others

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Directing & planning

for others

Repeated, set procedures

frequent change

TEMPERAMENT: Varied duties, Matching specified

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instructions

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PHYSICAL DEMANDS:	1 Strength	2 Climbing, balancing	3 Stooping, kneeling,	crawling	4 Manual dexterity	5 Talking, hearing	6 Visual acuity	

INTERESTS:	Dealing with things &	objects	Business contact with	people	Routine, system	Social welfare	Prestige, esteem	Communication of ideas	Science & technology	Abstraction, creativity	Machines, procedures	Tangible results
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emergencies	9 Making empirical	judgments, decisions	C Analyzing facts and	figures	X Interpreting personal	feeiings	Y Precision, accuracy	
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Risks, unexpected events,

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Work

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D.O.T	Vol.	Vol. 1	Sup.	Sup. 1

	Creative
OCATION:	Logical
page 158	Organiz
371	Facilit
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STECIAL RECOINEMENIS:	Creative talent or imagination	Logical mind	Organizational ability	Facility in Mathematics	Clear coherent language	Same and the same	
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AVERAGE EARNINGS:

\$10,000/year

Average 40-50

HOURS:

CAREER PREPARATION ANALYSIS CHART PROJECT CAREER/GUIDANCE

CAREEROGRAM

Carpenter, Bench

Dealing with things &

objects

INTERESTS

Business contact with

Routine, system

က 4

people

Social welfare

OTHER TITLES:

Constructs and repairs wooden articles DEFINITION

660.280 D.O.T. NO.

PG X X II yr TOTAL EDUC/TRNG REQUIREMENTS: 2 12 PG Junior or Community College H. S. Grade Completed: On-the-Job Training Apprentice Training 4-year College Grad. Technical Institute **Business College** Graduate School Good

3-6

EMPLOYMENT OUTLOOK:

ENTRY LEVEL JOBS:

RELATED JOBS:

40/week

HOURS:

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S. CHILIBRION		rudes:	Seneral Learning	/erbal Ability	Aumerical Ability	Spatial Ability	orm Perception	Clerical Perception	Aotor Cooydination	inger Dexterity	Aanual Dexterity	ye-Hand-Foot	Coordination	Color Discrimination

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HIGH SCHOOL COURSE OF STUDY:

\$4.00 hour

AVERAGE EARNINGS:

Union association affiliation:

SUGGESTED CAREER ELECTIVES:

	X			×		×
PHYSICAL DEMANDS:	1 Strength	2 Climbing, balancing	3 Stooping, kneeling, crawling	4 Manual dexterity	5 Talking, hearing	6 Visual acuity

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CONDITIONS:	-	i Inside	Outside	Both	2 Cold temp	3 Hot temp	4 Wet, humid	5 Noise, vibration	6 Hazards	7 Fumes	Odors	Toxic	Dust	Poor Ventilation
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Communication of ideas

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Prestige, esteem

Abstraction, creativity Science & technology

Machines, procedures

Tangible results

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TEMPERAMENT:	1 Varied duties,	frequent change	2 Repeated, set procedures	3 Matching specified	instructions	4 Directing & planning	for others	5 Working with others	6 Working alone & apart	7 Influencing other	people's ideas	8 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figures	X Interpreting personal	feelings	Y Precision, accuracy
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REL	ELATION TO:	ö	•
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D.O.T	Vol. I	Vol. I	Sup. 1	Sup. 1

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Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education	Blue Hills Regional	SPECIAL REQUIREMENTS:		

COURSE LOCATION:

		×		×
Climbing, balancing	Stooping, kneeling, crawling	Manual dexterity	Talking, hearing	Visual acuity
2	က	4	വ	9
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CAREEROGRAM

CAREER PREPARATION ANALYSIS CHART

JOB TITLE: Structural Metal Worker

801.781 unite girders, columns, and other structural. DEFINITIONPerforms duties to raise, place, and

steel members to form completed structures or

structural frame-works, working TOTAL EDUC/TRNG REQUIREMENTS: as a member of a crew.

ENTRY LEVEL JOBS:

Structural Steel Apprentice

RELATED JOHE.

Riggers, Machine Movers Ornaniental Fron Workers EMPLOYMENT OUTLOOK:

Increase Rapidly

Junior or Community College

4-year College Grad.

G: aduate School

HOLERS Varies

UNION ASSOCIATION AFFILIATION: International Association of

Bridge, Structural and Ornament Iron Workers SUGGESTED CAREER ELECTIVES: Industrial arts metals Scale model building

OCATION:		
OURSE LOCATION:		

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D.O.T. LOCATION:	Vol. I	Vol. II	Sup. I	Sup 15

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HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	AArchitectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education Sheet metal	

						L	×		×			•					
Career Development Drosses	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education Sheet metal		SPECIAL REQUIREMENTS:	manual-finger dexterity	eye-hand coordination	workw/in tolerances	good physical condition	ability to work at heights	

Color Discrimination

Coordination

8	CONDITIONS:	
-	Inside	×
	Outside	
	Both	
7	Cold temp	
က	Hot temp	
4	Wet, humid	
5	Noise, vibration	×
9	Hazards	×
7	Furnes	
	Odors	
	Toxic	
	Dust	
	Poor Ventilation	

Communication of ideas

Prestige, esteem

2

Social welfare

Abstraction, creativity

1

On-the-Job Training Apprentice Training

Technical Institute

Business College

Machines, procedures

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Tangible results

Science & technology

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Dealing with things &

objects

Housesmith Bridgeman

OTHER TITLES:

INTERESTS:

Business contact with

Routine, system

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H. S. Grade Completed:

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Form Perception

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Numerical Ability

Verbal Ability

Spatial Ability

General Learning

APTITUDES:

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Motor Coordination Clerical Perception

Manual Dexterity

Finger Dexterity

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Eye-Hand-Foot

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RELATION TO	Data:	People:	Things:
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Manual dexterity

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crawling

Talking, hearing

Visual acuity

H × ×

PHYSICAL DEMANDS:

Strength

Climbing, balancing Stooping, kneeling,

AVERAGE EARNINGS: \$6.72/hour

Sheet Metal Mechanic Sheet Metal Man

OTHER TITLES:

CONDITIONS:

JOB TITLE:

Sheet Metal Worker

804.281 DEFINITION: Fabricates, assembles, installs, D.O.T. NO. and repairs sheet metal products and equipment according to job order or blueprints.

Sheet Metal Apprentice ENTRY LEVEL JOBS:

RELATED JOBS: Coppersmith, Tinsmith EMPLOYMENT OUTLOOK: Fabricator, Roofer Increase Rapidly

HOURS: 30 - 40 hours

Poor Ventilation

Toxic

Dust

AVERAGE EARNINGS: \$6.75/hour

Ounion Association & Filiation: Sheet Metal Workers International Association

HIGH SCHOOL COURSE OF STUDY:

Career Development Program:

Architectual Careers **Automotive Careers**

Business Careers Electro Careers

SUGGESTED CAREER ELECTIVES: Industrial arts - metals blueprint reading craft courses physics

Graphic Arts Careers

COURSE LOCATION:

Education Metal Fabrication X

Specific Occupational

Structural Careers

Health Careers

235 **159** 312 43 bage D.O.T. LOCATION: Sup. II Vol. II Sup. I

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		H. S. Grade Completed: 10								T	Pollege	a a a a a a a a a a a a a a a a a a a

5 Noise, vibration Wet, humid

6 Hazards Fumes Odors

Cold temp Hot temp

Outside

Both

Inside

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APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination
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SPECIAL REQUIREMENTS:	
ability to assume responsibility	4
form perception	1
eye-hand coordination	
manual-finger dexterity	
physical strength	
1	

	 4 - 2	AFILLODES: 1 General Learning 2 Verbal Ability	
T_	 3	Numerical Ability	
	4	Spatial Ability	
	 5	Form Perception	
	ဖ	Clerical Perception	
Ī	 7	Motor Coordination	
	8	Finger Dexterity	
	0	Manual Dexterity	
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<u>P</u>	PHYSICAL DEMANDS:	
-	Strength	Σ
7	Climbing, balancing	×
က	Stocping, kneeling,	
	c zwling	×
4	Manual dexterity	×
5	Talking, hearing	
9	Visual acuity	\$
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INTERESTS:	1 Dealing with things &	objects	2 Business contact with	heople	3 Coutine, system	4 Social welfare	5 Prestige, esteem	6 Communication of ideas	7 Science & technology	8 Abstraction, creativity	9 Machines, procedures	3 Tangible results

	Analyzing	No Relation	Precision Wor
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RELATION TO:	Data:	People:	Things:
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CAREER PREPARATION ANALYSIS CHART

OTHER TITLES:

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CONDITIONS:

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D.O.T. NO.

and repairs wiring, electrical fixtur DEFINITION: Plans layout and installs

JOB TITLE: Electrician

apparatus and control equipment.

ENTPY LEVEL JOBS:

RELATED JOBS:

EMPLOYMENT OUTLOOK:

Cood

40/wesk HOURS:

\$5.00-\$7.50/hour AVERAGE EARNINGS:

UNION ASSOCIATION AFFILIATION: BEW. SUGGESTED CAREER ELEC

COURSE LOCATION:

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D.O.T. LOCATION:	Vol. I	Vol. 11	Sup. !	Sup. 11

tures,	
TOTAL EDUC/TRNG REQUIREMENTS:	NTS:
H. S. Grade Completed: 10	
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12	×
PG	
On the Job Training	ļ
Apprentice Transing	×
Technical Institute	×
Business College	
Junior or Community College	
4-year College Grad.	×
Graduate School	

Noise, vibration

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6 Hazards

Fumes

Odors Toxic

4 Wet, humid

Cold temp

Outside

Both

Inside

Hot temp

1001	APTITUDES:
Jate School	

Poor Ventilation

Dust

HIGH SCHOOL COURSE OF STUDY: Career Development Program: Architectual Careers **Automotive Careers**

Color Discrimination

Coordination

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	ECIAL REQUIREMENTS:	İ	Ì					
	REM							
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SICAL DEMANDS:

limbing, balancing

itrength

tooping, kneeling,

rawling

Janual dexterity

alking, hearing

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			×							_		×	×	
	INTERESTS:	Dealing with things &	objects	Business contact with	people	Routine, system	Social welfare	Prestige, esteem	Communication of ideas	Science & technology	Abstraction, creativity	Machines, procedures	Tangible results	
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ed duties. ed duties. uent change eated, set procedures ching specified uctions cting & planning others king with others king alone & apart Lencing other s, unexpected events, gencies ing empirical ments, decisions lyzing facts and es preting personal ngs																×			×
TEMPE 1 Vari freq 2 Rep 3 Matt 3 Matt 4 Dire for of Worl 7 Influ peop 8 Risk 8 Risk 9 Mak judg 0 Anal	TEMPERAMENT:	1 Varied duties,	frequent change		instructions	4 Directing & planning	for others	5 Working with others	7 Influencing other	people's ideas	8 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figures	X Interpreting personal	feelings	Y Precision accuracy

Motor Coordination Clerical Perception

Manual Dexterity Eye-Hand-Foot

Finger Dexterity

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General Learning

Verbal Ability

Numerical Ability

Form Perception

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Spatial Ability

	analyzing	no relation	precision work
10:	7	80	
RELATION TO:	Data:	People:	Things:
RE	-	7	<u>ო</u>

CAREER PREPARATION ANALYSIS CHART

PROJECT CAREER/GUIDANCE

CAREEROGRAM

May be designated according

OTHER TITLES:

CONDITIONS:

to specialty.

JOB TITLE: Painter

840.887 DEFINITION: Applies coats of paint, varnish, D.O.T. NO. stains, enamel or lacquer to decorate and protect interior or exterior surfaces of buildings or other structures.

ENTRY LEVEL JOBS:

Fainter Helper

EMPLOYMENT OUTLOOK: Spray Painter RELATED JOBS: Sign Painter

HOURS:

Rapid Increase

Varies

AVERAGE EARNINGS:

\$5.95/hour

International Brotherhood of Painters and Allied Trades SUGGESTED CAREER ELECTIVES: Color Harmony Chemistry

.NO		
COURSE LOCATION:		
COURSE		

		1
D.O.T. LOCATION:		
Vol. I	age	Į,
Vol. II	:	m
Sup. 1	,,	2
Sup. 11	:	

TOTAL EDUC/TRNG REQUIREMENTS:	NTS:
H. S. Grade Completed: 10	
12	
PG	
On-the-Job Training	×
Apprentice Training	
Technical Institute	
Business College	
Junior or Community College	
4-year College Grad.	
Graduate School	

Noise, vibration

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6 Hazards

Fumes

Odors Toxic

Wet, humid

Cold temp 3 Hot temp

Outside

Both

Inside

		AP	APTITUDES:
		-	General Learning
COURSE OF STUDY:	Υ:	2	Verbal Ability
		3	Numerical Ability
nent Program:		4	Spatial Ability
eers		2	Form Perception
eers		9	Clerical Perception
		7	Motor Coordinatio
		80	Finger Dexterity
reers		6	Manual Dexterity
		10	Eye-Hand-Foot
rs	×		Coordination
tional		-	Color Discriminati

Career Development Program:	
Architectual Careers	
Automotive Careers	
Business Careers	
Electro Careers	
Graphic Arts Careers	
Health Careers	
Structural Careers	×
Specific Occupational	
Education	
SPECIAL REQUIREMENTS:	
manual-finger dexterity	
work with in tolerances	
eye-hand coordination	
not allergic to paint fumes	ŭ

Discrimination

PHYSICAL DEMANDS:

Strength

Climbing, balancing

Stooping, kneeling,

crawling

SPECIAL REQUIREMENTS:	manual-finger dexterity	work with in tolerances	eye-hard coordination	not allergic to paint fumes			
		6	5	319	246	47	

		×		·							×	×	
INTERESTS:	Dealing with things &	objects	Business contact with	people	Routine, system	Social welfare	Prestige, esteem	Communication of ideas	Science & technology	Abstraction, creativity	Machines, procedures	Tangible results	
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TEMPERAMENT: 1 Varied duties, frequent change	2 Repeated, set procedures	3 Matching specified	instructions	4 Directing & planning	for others	5 Working with others	6 Working alone & apart	7 Influencing other	people's ideas	8 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figures	X Interpreting personal	feelings	Y Precision, accuracy

× ×

Coordination al Perception

Poor Ventilation

Dust

	No Relation	No Relation	Setting-Up
ij	2	8	7
RELATION TO:	Data:	People:	Things:
RE	-	~	ო

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Manual dexterity

Talking, hearing

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Visual acuity

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?		NON
3		ASSOCI
		ATION
		SSOCIATION AFFILIATION

HIGH SCHOOL

CAREER PREPARATION ANALYSIS CHART

PROJECT CAREER/GUIDANCE

CAREEROGRAM

May be designated according OTHER TITLES: to specialty.

JOB TITLE: Plasterer

interior walls, ceilings, and partitions of buildings to produce finished surface according to blueprints, archi-

continuity to bineprints, test's drawings, or oral instructions.
ENTRY LEVEL JOBS:

eniky Level Jobs: Piasterer Helper

RELATED JOBS: Molder

Dry-Wall

EMPLOYMENT OUTLOOK:

Slow Increase

HOURS

Varies

AVERAGE EARNINGS: \$6.35/hour

UNION ASSOCIATION AFFILIATION: Operative Plasterers and Cement Masons International Association

SUGGESTED CAREER ELECTIVES: Blueprint reading Drafting Layout Mathematics

CATION:		
COURSE LOCATION:		

D.O.T. LOCATION:		
Vol. I	bage	23
· Vol. 11	ı	31
Sup. 1	:	24
Sup. 11	:	4

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HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education	

	SPECIAL REQUIREMENTS:	manual-finger dexterit	eye-hand coordination	work with in tolerance	good physical condition		
				538	319	246	

엉	CONDITIONS:	
-	Inside	
	Outside	
	Both	×
7	Cold temp	
3	Hot temp	
4	Wet, humid	×
2	Noise, vibration	
9	Hazards	×
7	Fumes	
	Odors	
	Toxic	Ī
	Dust	
	Poor Ventilation	
ļ		

General Learning X Verbal Ability Numerical Ability Spatial Ability Form Perception X Clerical Perception Motor Coordination X Finger Dexterity X Manual Dexterity X Eye—Hand—Foot Coordination Color Discrimination
Ability cal Ability Ability Yerception Coordination Coordination Dexterity Mand-Foot and-Foot Discrimination
Ability X Perception X Perception X Coordination X Dexterity X Dexterity X and—Foot X and—Foot Siscrimination
Ability X Perception X Perception X Coordination X Dexterity X and—Foot X and—Foot A Destrict A A A A A A A A A A A A A A A A A A A
Perception X Perception X Cooydination X Dexterity X Dexterity X and—Foot and—reconstruction
Coordination X Coordination X Dexterity X Dexterity X and-Foot and-Foot Nation
Coordination X Dexterity X Dexterity X and-Foot and-foot Nation
Dexterity X Dexterity X and—Foot nation Discrimination
Dexterity X and—Foot astion
and-Foot nation Discrimination
nation Discrimination
iscrimination

Stooping, kneeling, X Crawling X X Manual dexterity X Talking, hearing visual acuity		PHYSICAL DEMANDS: 1 Strength 2 Climbing balancing	= ×
vial dexterity X king, hearing y	0.6	Stooping, kneeling, crawling	×
king, hearing y	i # i	Manual dexterity	×
al acuity	=	cing, hearing	
	S	al acuity	>

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TEMPERAMENT:	1 Varied duties,	frequent change	2 Repeated, set procedures	3 Matching specified	instructions	4 Directing & planning	for others	5 Working with others	6 Working alone & apart	7 Influencing other	people's ideas	8 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figures	X Interpreting personal	feelings	Y Precision, accuracy

	No Relation	No Relation	Setting-unit
9	7	œ	-1
LATION T	Data:	People:	Things:
REL	-	7	ო

CAREER PREPARATION ANALYSIS CHART

HEAVY EQUIPMENT OPERATOR

JOS TITLE:

(Construction)

OTHER TITLES:

construction machinery operating engineer operator

CAREEROGRAM

CONDITIONS: 859.883 construction equipment (compressors, DEFINITION: operates several types of power

pumps, hoists, derricks, cranes, shovels, scrapers, etc. TOTAL EDUC/TRNG REQUIREMENTS:

ENTRY LEVEL JOBS. Pours concrete, ett. S. Grade Completed: excavate or grade earth, erect structural

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operating engineer apprentice

road mixer qp., road rotter op. RELATED JOBS:

On-the-Job Training Apprentice Training

Technical Institute

Business College

sweeper op, tamping machine op EMPLOYMENT OUTLOOK: increasing no. positions thru

Junior or Community College

4-year College Grad.

Graduate School

Houghsonal - warm months busy, slow during winter months the mid 1980's 46

AVERAGE EARNINGS:

\$8.00 per hour

UNION ASSOCIATION AFFILIATION:

International Union of Operating Engineers

constr. SUGGESTED CAREER ELECTIVES: principles of bldg. automotive shop

D.O.T. LOCATION:		
Vol. I	bage	~
Vol. II		7
Sup. 1		١,٠
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×	Structural Careers
	Health Careers
	Graphic Arts Careers
	Electro Careers
	Business Careers
×	Automotive Careers
	Architectual Careers
	Career Development Program:
ێ	HIGH SCHOOL COURSE OF STUDY:
	-

HIGH SCHOOL COURSE OF STUDY:	Ë
Career Development Program:	
Architectual Careers	
Automotive Careers	×
Business Careers	
Electro Careers	
Graphic Arts Careers	
Health Careers	
Structural Careers	×
Specific Occupational	
Education	

Color Discrimination

SPECIAL REQUIREMENTS:
considerable driving experience
military exper. driving tank,
trucks, etc. or exper. with
farm machinery

Inside		
Outside		
Both		×
Cold temp		
Hot temp		
Wet, humid		
Noise, vibration	uo.	×
Hazards		×
Fumes		
Odors		
Toxic		
Dust		
Poor Ventilation	ion	
APTITUDES:		}
General Lear	Learning	×
Verbal Ability	Į,	
Numerical A	Ability	
Spatial Ability	ξ.	
Form Perception	tion	×
Clerical Pero	Perception	
Motor Coord	Coordination	X
Finger Dexterity	rity	×
Manual Dexterity	erity	×
Eye-Hand-	Foot	>
Coordination		<

Strength M Climbing, balancing Stooping, kneeling, X crawling Manual dexterity X Talking, hearing X	莱	PHYSICAL DEMANDS:	
Stooping, kneeling, X crawling X Manual dexterity X Talking, hearing X Visual acuity X	1	Strength	≅
Stooping, kneeling, X crawling X Manual dexterity X Talking, hearing X Visual acuity X		Climbing, balancing	
Manual dexterity X Talking, hearing X Visual acuity X		Stooping, kneeling,	>
Manual dexterity X Talking, hearing X Visual acuity X	- 1	crawling	×
Talking, hearing Visual acuity		Manual dexterity	X
Visual acuity X		Talking, hearing	
		Visual acuity	×

Z	INTERESTS:	
-	Dealing with things &	
	objects	×
2	Business contact with	
	people	
ო	Routine, system	×
4	Social welfare	
ស	Prestige, esteem	
9	Communication of ideas	
7	Science & technology	
8	Abstraction, creativity	
6	Machines, procedures	×
0	Tangible results	

1 Varied duties. frequent change 2 Repeated, set procedures 3 Matching specified instructions 4 Directing & planning for others 5 Working with others 6 Working alone & apart 7 Influencing other people's ideas 8 Risks, unexpected events, emergencies 9 Making empirical judgments, decisions 0 Analyzing facts and figures X Interpreting personal feelings Y Precision, accuracy

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RELATION TO:	Data:	People:	Things:	
RE	-	2	3	

CAREER PREPARATION ANALYSIS CHART PROJECT CAREER/GUIDANCE

CAREEROGRAM

OTHER TITLES:

860.381 D.O.T. NO. and repairs structures; studies blueprints Constructs, erects, installs sketches or building plans. DEFINITION:

Carpenter

SEV. 3-74

ENTRY LEVEL JOBS:

RELATED JOBS:

EMPLOYMENT OUTLOOK:

Good

HOURS:

\$6.50 - 8.10/hour 40 hours/week AVERAGE EARNINGS:

4 UNION ASSOCIATION AFFILIATION:

United Brotherhood of Carpenters & Joiners

SUGGESTED CAREER ELECTIVES:

COURSE LOCATION:		
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ON:					
D.O.T. LOCATION:					
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NTS:					×	×					
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TOTAL EDUC/TRNG REQUIREMENTS:	H. S. Grade Completed:				On-the-Job Training	Apprentice Training	Technical Institute	Business College	Junior or Community College	4-year College Grad.	Graduate School

HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers.	Health Careers	Structural Careers	Specific Occupational	Education	
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SPECIAL REQUIREMENTS:	. 4	er.		
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APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
A	-	2	က	4	5	9	7	8	6	0		11	

ď	PHYSICAL DEMANDS:	
-	Strength	Σ
7	Climbing, balancing	×
'n	Stooping, kneeling,	
	crawling	×
4	Manual dexterity	; >
2	Talking, hearing	₹
ဖ	Visual acuity	
		1

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1	IN ERES IS:	
	Dealing with things &	
	objects	×
	Business contact with	
	people	
(C)	Routine, system	
4	Social welfare	
2	Prestige, esteem	
9	Communication of ideas	
7	Science & technology	
8		
6		×
0	Tangible results	: >
		<

			×	×
1 Varied duties, 1 Varied duties, 1 requent change 2 Repeated, set procedures 3 Matching specified instructions 4 Directing & planning for others		}]	Analyzing facts and figures Interpreting personal feelings	Y Precision, accuracy

	Compiling	No Relation	Precision Work
ë	က	œ	1
RELATION TO:	1 Data:	2 People:	3 Things:

CAREER PREPARATION ANALYSIS CHART

OTHER TITLES:

DEFINITION: Builds stone structures, such as piezs, walls and abutments, or lays wells, curbstones or special types

JOB TITLE: Mason (brick and stone)

ERIC FOOTBOOK FROM THE PROPERTY OF THE PROPERT

861.381

D.O.T. NO.

ENTRY LEVEL JOBS: of masonry.

RELATED JOBS:

EMPLOYMENT OUTLOOK: Little Increase

HOURS:

AVERAGE EARNINGS:

\$6.50 hour

Plasteres International Union of America UNION ASSOCIATION AFFILIATION: Bricklayers, Masons and

SUGGESTED CAREER ELECTIVES:

COURSE LOCATION:

	869	319	251	48
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TION:				
D.O.T. LOCATION:	_	=	_	=
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NTS:			×		2-4							
REME	10	=	12 X	PG								
TOTAL EDUC/TRNG REQUIREMENTS:	H. S. Grade Completed:				On-the-Job Training	Apprentice Training	Technical Institute	Business College	Junior or Community College	4-year College Grad.	Graduate School	

HIGH SCHOOL COURSE OF STUDY:
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Electro Careers Graphic Arts Careers Graphic Arts Careers Health Careers Structural Careers Specific Occupational Education SPECIAL REQUIREMENTS:
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APTITUDES:	UDES:	
1 G	General Learning	×
2 V	Verbal Ability	
N N	Numerical Ability	
4 Sr	Spatial Ability	×
5 Fc	Form Perception	×
ວ 9	Clerical Perception	
7 M	Motor Coordination	×
8 F	Finger Dexterity	×
9 W	Manual Dexterity	×
10 Ey	Eye-Hand-Foot	
ပ	Coordination	
٦ د	Color Discrimination	

	Z	×	×	×		×	
PHYSICAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling, crawling	Manual dexterity	Talking, hearing	Visual acuity	***************************************
Σ	•	2	က	4	2	9	

		×									×	×	
INTERESTS:	Dealing with things &	objects	Business contact with	people	Routine, system	Social welfare	Prestige, esteem	Communication of ideas	Science & technology	Abstraction, creativity	Machines, procedures	Tangible results	
=	-		7		က	4	5	9	7	8	6	0	
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TEMPERAMENT:	1 Varied duties,	frequent change	2 Repeated, set procedures	3 Matching specified	instructions	4 Directing & planning	for others	5 Working with others	6 Working alone & apart	7 Influencing other	people's ideas	8 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figures	X Interpreting personal	feelings	Y Precision, accuracy

	compiling	no relation	precision wor
Ö	2	∞	1
RELATION TO:	Data:	People:	Things:
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40 week

May be designated according

OTHER TITLES:

to specialty.

Dealing with things &

objects

INTERESTS:

Business contact with

Routine, system

people

CAREER PREPARATION ANALYSIS CHART PROJECT CAREER/GUIDANCE

Plumber JOB TITLE:

of heating, water, and drainage systems DEFINITION: Assembles, installs and repairs pipes, fittings, and fixtures

according to specifications and plumbing codes.

ENTRY LEVEL JOBS: Plumber Helper

Compersmith RELATED JOBS: Pipefitter

Increase Rapidly EMPLOYMENT OUTLOOK:

Varies HOURS:

\$6.70/hcur AVERAGE EARNINGS:

UNION ASSOCIATION AFFILIATION: United Association of Journeymen and Apprentices of the Plumbing SUGGESTED CAREER ELECTIVES: industrial arts - metal and Pipefitting Industry olumprint reading physics

shop mathematics

COURSE LOCATION:

	54	31	25	4
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D.O.T. LCCATION:	Vol. I	Vol. II	Sup. 1	Sup. 11

D.O.T. NO. 852,381

TOTAL EDUC/TRNG REQUIREMENTS:	VTS:
H. S. Grade Completed: 10	
11	
12	×
PG	
On-the-Job Training	×
Apprentice Training	×
Technical Institute	
Business College	
Junior or Community College	
4-year College Grad.	
Graduate School	

		-	General Learning
COURSE OF STUDY:	۲	2	Verbal Ability
		က	Numerical Ability
nent Program:		4	Spatial Ability
eers		ည	Form Perception
ers		9	Clerical Perception
		7	Motor Coordination
		8	Finger Dexterity
reers		6	Manual Dexterity
		10	10 Eye-Hand-Foot
LS	X		Coordination
	-		

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APTITUDES

UDY:			 				<u> </u>	×	_	×	
E OF ST	gram:										
HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	areers	reers	S.		areers		ers	ational	Education Plumbing	
SCHOO	Develop	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	ion P1	
нівн	Career	Archite	Autom	Busine	Electro	Graphi	Health	Structi	Specifi	Educat	

	Ľ_			_	
	SPECIAL REQUIREMENTS:	eye-hand coordination	space perception		

× ×

Climbing, balancing

Stooping, kneeling,

crawling

PHYSICAL DEMANDS:

CONDITIONS:	
1 Inside	
Outside	
Both	×
2 Cold temp	
3 Hot temp	
4 Wet, humid	
5 Noise, vibration	
6 Hazards	×
7 Fumes	
Odors	
Toxic	
Dust	
Poor Ventilation	

Communication of ideas

Prestige, esteem

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Social welfare

Abstraction, creativity Science & technology

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9 Machines, procedures

Tangible results

1 Varied duties, 1 Varied duties, 1 requent change 2 Repeated, set procedures 3 Matching specified instructions 4 Directing & planning for others 5 Working with others 6 Working alone & apart 7 Influencing other people's ideas 8 Risks, unexpected events, emergencies 9 Making empirical judgments, decisions 0 Analyzing facts and figures X Interpreting personal feelings

X ×

Color Discrimination

	Compiling	No Relation	Precision 1
T 0:	3	∞	r
LATION	Data:	People:	Things:
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Manual dexterity

Talking, hearing

Visual acuity

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4	٠.

Pipefitter Assistant JOB TITLE:

CAREER PREPARATION ANALYSIS CHART PROJECT CAREER/GUIDANCE

CAREEROGRAM

May be designated by specialty. OTHER TITLES:

> DEFINITION: Assists pipefitter to assemble and install piping for air, amonia, gas, and water systems.

TOTAL EDUC/TRNG REQUIREMENTS:

D.O.T. NO. 862,884

ENTRY LEVEL JOBS:

Pipefitter Plumber RELATED JOBS:

Increase Rapidly EMPLOYMENT OUTLOOK:

Varies HOURS:

9 = 12 PG Junior or Community College H. S. Grade Completed: On the Job Training Apprentice Training 4-year College Grad. Technical Institute **Business College** Graduate School

× ×

			×			×	×						
CONDITIONS:	1 Inside	Outside	Both	2 Cold temp	3 Hot temp	4 Wet, humid	5 Noise, vibration	6 Hazards	7 Fumes	Odors	Toxic	Dust	Poor Ventilation

	×			×	×		×	×	×				
APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
Αb	-	2	3	4	2	9	-	8	6.	10		=	

6 Working alone & apart

Working with others

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Repeated, set procedures

frequent change Varied duties,

Matching specified

က

HIGH SCHOOL COURSE OF STUDY:

Career Development Program:

UNION ASSOCIATION AFFILIATION: United Association of Journey—

\$3.25/hour

G AVERAGE EARNINGS:

Plumbing and Pipefitting Ind.

men and Apprentices of the

SUGGESTED CAREER ELECTIVES:

Architectual Careers Automotive Careers

Business Careers Electro Careers

7

instructions

Directing & planning

4

for others

	×			×	×		×	×	×				
APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination	

2		
֡	PHYSICAL DEMANDS:	
-	Strength	H
7	Climbing, balancing	×
က	Stooping, kneeling,	
	crawling	×
4	Manual dexterity	×
2	Talking, hearing	

		INTERESTS:
		1 Dealing with things &
		objects
		2 Business contact with
	×	people
		3 Routine, system
		4 Social welfare
	×	5 Prestige, esteem
ion	×	6 Communication of idea
		7 Science & technology
		8 Abstraction, creativity
		9 Machines, procedures
		O Tangible results
tion		TEMPERAMENT:

on of ideas

Influencing other people's ideas Risks, unexpected events,
Influencing other people's ideas Risks, unexpected events, emergencies Making empirical judgments, decisions
Influencing other people's ideas Risks, unexpected events, emergencies Making empirical
Influencing other people's ideas Risks, unexpected events, emergencies
Influencing other people's ideas
Influencing other

Education Metals-Pipefitting

COURSE LOCATION:

Specific Occupational

Structural Careers

Health Careers

Graphic Arts Careers

- metals

industrial arts

craft courses

	No Relation	No Relation	Manipulating
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RELATION TO:	Data:	People:	Things:
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D.O.T. LOCATION:	Vol. 1	Vol. II	Sup. I	Sup. II	

No Relation	No Relation	Manipulating
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USOE CLUSTER # 5

CONSUMER AND HOMEMAKING

CAREER PREPARATION ANALYSIS CHART

Processing Technician

JOB TITLE:

Food

OTHER TITLES:

Dealing with things &

objects

×

INTERESTS:

CONDITIONS

Business contact with

Routine, system

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beople

synthetic materials or by-products to develop new foods, food preservatives, antiaduleration DEFINITION: Experiments with natural and agents and similar products

ENTRY LEVEL JOBS:

Food Technologists

RELATED JOBS:

Organic Chemist

EMPLOYMENT OUTLOOK: Moderate growth

HOURS:

40 hours

AVERAGE EARNINGS:

\$9,000./year

UNION ASSOCIATION AFFILIATION: None

SUGGESTED CAREER ELECTIVES: Laboratory sciences			
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TION:		
COURSE LOCATION:		
COURSE		
8		

D.O.T. LOCATION:		
Vol. I	abed	Γ.
Vol. 11	:	4
Sup. 1	:	
Sup. 11	:	۲

TOTAL EDUC/TRNG REQUIREMENTS:	NTS:
H. S. Grade Completed: 10	
11	
12	
PG	
On-the-Job Training	
Apprentice Training	
Technical Institute	
Business College	
Junio: or Conmunity College	
4-year Colleg: Grad.	×
Graduate School	×

Communication of ideas

Prestige, esteem Social welfare

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Noise, vibration

Hazards

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Fumes Odors

Toxic

Dust

Wet, humid

Hot temp

က 4

Cold temp

Outside

Both

1 Inside

Abstraction, creativity

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9 Machines, procedures

Tangible results

0

Poor Ventilation

APTITUDES:

Science & technology

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HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Carecrs	Structural Careers	Specific Occupational	Education Culinary Arts	

ESIED CAREER ELECTIVES:	Business Careers	
ratory sciences	Electro Careers	
	Graphic Arts Careers	
	Health Careers	
	Structural Careers	
	Specific Occupational	
	Education Culinary Arts X	
ISE LOCATION:		
	SPECIAL REQUIREMENTS:	
	preference for research work	14
. LOCATION:	thoroughness in detail	
123 ged	facility with math	
466	inquisitive mind	

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	3H SCHOOL COURSE OF STUDY:		eer Development Program:	thitectual Careers	tomotive Careers	iness Careers	ctro Careers	phic Arts Careers	of the Careers	uctural Careers	cific Occupational	acation Culinary Arts	

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×	×	×	×	×	×										1				×	
1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	D Eye-Hand-Foot	Coordination	1 Color Discrimination	·		PHYSICAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling,	crawling	Manual dexterity	
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F	TEMPERAMENT:	
_	Varied duties,	>
	frequent change	≺ ,
7	Repeated, set procedures	
က	Matching specified	
	instructions	
4	Directing & planning	
	for others	
വ	Working with others	
ဖ	Working alone & apart	
7	Influencing other	
	people's ideas	
ω	Risks, unexpected events,	
	emergencies	
6	Making empirical	;
	judgments, decisions	×
0	Analyzing facts and	
	ngures	×
×	Interpreting personal	
	feelings	
>	Precision, accuracy	×
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	Synthesizing	No relation	Precision work
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RELATION	Data:	People:	Thiom:
RE	1	2	۲,

Talking, hearing Visual acuity

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CAREEROGRAM

CAREER PREPARATION ANALYSIS CHART

Fashion Director Display stylist OTHER TITLES:

D.O.T. NO. 185,158

coordinates promotional activities such as DEFINITION: Promotes new fashions and

Fashion Coordinator

JOB TITLE:

fashion shows, to induce consumer accep-

tance. Studies fashions visits

manufacturers and consults with buyers and salespeople ENTRY LEVEL JGBS:

Salesperson

RELATED JOBS:

Buyer

EMPLOYMENT OUTLOOK:

Slow growth

HOURS:

Averages 40 hours

AVERAGE EARNINGS:

UNION ASSOCIATION AFFILIATION: None SUGGESTED CAREER ELECTIVES: Merchandising Art - fashion Psychology

COURSE LOCATION:

992 484 29 150 aged D.O.T. LOCATION: Vol. 1 Sup. Sup. 11 Vol. I

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TOTAL EDUC/TRNG REQUIPEMENTS:	NTS:
H. S. Grade Completed: 10	
11	
12	
PG	
On-the-Job Training	
Apprentice Training	
Technical Institute	
Business College	×
Junior or Community College	×
4-year College Grad.	
Graduate School	

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		HIGH SCHOOL COURSE OF STUDY:		Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	0 171

Proper Development Drogery	
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Architectual Careers	
Automotive Careers	
usiness Careers	×
lectro Careers	
sraphic Arts Careers	
lealth Careers	
tructural Careers	
pecific Occupational	
ducation	

	PHYSICAL DE
REMENTS:	1 Strength
sonality	2 Climbing, t
Вu	3 Stooping, k
	crawling
	4 Manual dex
	5 Talking, he
	6 Visual acui

Outgoing per Good g roomir

SPECIAL REQUI

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೪	CONDITIONS:			Z	INTERESTS:
				-	Dealing with things &
-	1 Inside	×			objects
	Outside			7	1
	Both				people
2	Cold temp			က	Routine, system
က	Hot temp		.	4	Social welfare
4	Wet, humid		<u> </u>	2	Prestige, esteem
2	Noise, vibration		-	9	Communication of ide
9	Hazards			_	Science & technology
7	Fumes		ı	œ	Abstraction, creativity
	Odors		- .	6	Machines, procedures
	Toxic			0	Tangible results
			,		

ion of ideas

 2	က		4		rc S	9	7	<u> </u>	8		6	_
ITUDES:	General Learning X	Verbal Ability X	Numerical Ability X	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination

Working alone & apart

Influencing other

people's ideas

Working with others

Directing & planning

for others

Repeated, set procedures

frequent change

TEMPERAMENT: Varied duties,

Poor Ventilation

Dust

Matching specified

instructions

×

Risks, unexpected events,

×

udgments, decisions Analyzing facts and

figures

Making empirical

emergencies

		X. interpreting personal
ICAL DEMANDS:		feelings
ength	ij	Y Precision, accuracy
mbing, balancing		
oping, kneeling,		
wling		RELATION TO:
inual dexterity		1 Data: 1 Coo:
lking, hearing	X	2 People: 5 Pers
sual acuity	X	3 Things: 8 No r

	Coordinating	Persuading
10	7	5
RELATION .	Data:	People:
RE	-	7

Coordinating	Persuading	No relation
7	5	8
Data:	People:	Things:

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CAREEROGRAM

Professional Shopper Merchandise Shopper

OTHER TITLES:

CAREER PREPARATION ANALYSIS CHART

Shopper - Comparison

JOB TITLE:

D.O.T. NO. 296,388 styles of merchandise in competing stores DEFINITION: Varifies prices, quality, and or salesrooms. Verifies complaints of

TOTAL EDUC/TRNG REQUIREMENTS: dustomers on Price of merchandise. Prepares report of

Sales Clerk · ENTRY LEVEL JOBS: findings.

RELATED JOBS:

EMPLOYMENT OUTLOOK:

40 - 45 hours HOURS:

AVERAGE EARNINGS:

UNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES:	Clerical Course		

TION:		
COURSE LOCATION:		
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152 276 53 15

HIGH SCHOOL COURSE OF STUDY:	<u> </u>
Career Development Program:	
Architectual Careers	
Automotive Careers	
Business Careers	×
Electro Careers	
Graphic Arts Careers	
Health Careers	
Structural Careers	
Specific Occupational	
Education	

귕	CONDITIONS:		
			_
-	Inside	×	
	Outside		
	Both		
~	Cold temp		
m	Hot temp		
_	Wet, humid		
ic.	Noise, vibration		
(0)	Hazards		
	Fumes		
	Odors		
	Toxic		
	Dust		
	Poor Ventilation		

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On the Job Training 3 mths.

Apprentice Training

Technical Institute

Business College

Junior or Community College

4-year College Grad.

Graduate School

12

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PG

5

H. S. Grade Completed:

	×	×				×							
APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
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PHYSICAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling,	crawling	Manual dexterity	Talking, hearing	Visual acuity
王	-	7	က		4	ည	9

1 Dealing with things & objects 2 Business contact with people X 3 Routine, system X 4 Social welfare 5 Prestige, esteem 6 Communication of ideas 7 Science & technology 8 Abstraction, creativity 9 Machines, procedures X 0 Tangible results	2	INTERESTS:	
business contact with people Routine, system Social welfare Prestige, esteem Communication of ideas Science & technology Abstraction, creativity Machines, procedures Tangible results	-	Dealing with things &	
Business contact with people Routine, system Social welfare Prestige, esteem Communication of ideas Science & technology Abstraction, creativity Machines, procedures Tangible results		objects	
Routine, system Social welfare Prestige, esteem Communication of ideas Science & technology Abstraction, creativity Machines, procedures Tangible results	7	Business contact with	
Routine, system Social welfare Prestige, esteem Communication of ideas Science & technology Abstraction, creativity Machines, procedures Tangible results		people	×
	က	Routine, system	×
	4	Social welfare	
	ည	Prestige, esteem	
	9	Communication of ideas	
	7	Science & technology	
	∞	Abstraction, creativity	
	6	Machines, procedures	×
	0	Tangible results	

ed duties, ed duties, ent change ated, set procedures hing specified ctions ting & planning thers ing alone & apart encing other le's ideas , unexpected events, gencies nents, decisions rig facts and seting personal ges			×	×														;	4
TEMPEF Teque Match Match Match Match Mork	TEMPERAMENT:	1 Varied duties, frequent change		instructions	4 Directing & planning	for others	5 Working with others	Working alone &	7 Influencing other	people's ideas	8 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figures	X Interpreting personal	feelings	Y Precision accuracy

i	Compiling	No Relation	No Relation
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RELATION TO:	Data:	People:	Things:
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designated according

OTHER TITLES: May I

to spec. .y.

1 Dealing with things &

objects

INTERESTS:

CONDITIONS:

Business contact with

2

Routine, system

people

Social welfare

JOB TITLE: Cook

other food stuffs for consumption in hotels DEFINITION: Prepares, seasons, and cooks soups, meats, vegetables, desserts, and and restaurants.

Cook Apprentice ENTRY LEVEL JOBS:

RELATED JOBS:

EMPLOYMENT OUTLOOK: Moderate increase

HOURS: 40 to 48 hours

×

Repeated, set procedures

frequent change

Matching specified

က ~

Directing & planning

instructions

\$2.46 to \$4.63/hour AVERAGE EARNINGS: 5

Hotel & Restaurant Employees CI UNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES: Home economics

COURSE LOCATION

164 310 55 35 page D.O.T. LOCATION Vol. = Sup. II Sup. I Vol. I

TOTAL EDUC/TRNG REQUIREMENTS: 315,381 12 0 P_G Junior or Community College D.O.T. NO. H. S. Grade Completed: On-the-Job Training Apprentice Training 4-year College Grad. Technical Institute **Business College** Graduate School

Noise, vibration

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Hazards

Fumes

Odors Toxic

Wet, humid

Hot temp

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Cold temp

Outside

Both

Inside

Communication of ideas

Prestige, esteem

Abstraction, creativity

Machines, procedures

G

Tangible results

TEMPERAMENT: 1 Varied duties,

Poor Ventilation

Dust

APTITUDES:

Science & technology

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	HOOL COURSE OF STUDY:		evelopment Program:	ual Careers	ive Currers	Careers	areers	Arts Careers	Ireers	: Careers	Occupational	n Culinary Arts

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HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	Architectual Careers	Automotive Currens	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structura: Careers	Specific Occupational	Education Culinary Arts	\$

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JOL COURSE OF STUDY:		2
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Careers		2
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s Careers		6
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Culinary Arts	×	
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1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination	PHYSICAL DEMANDS:	1 Strength	2 Climbing, balancing	3 Stooping, kneeling,	crawting

Risks, unexpected events,

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Working alone & apart

Influencing other

people's ideas

Working with others

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for others

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judgments, decisions Analyzing facts and

Making empirical

6

emergencies

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	, accuracy	
teelings	recision	
	>	

Interpreting personal

figures

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 æ	RELATION TO:	:	
 -	Data:	3	Compiling
 7	People:	œ	No relation
က	Thinas:		Precision work

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Manual dexterity

4

good finger and manual dexterity

SPECIAL REQUIREMENTS:

some computation ability good health (no illness)

Talking, hearing Visual acuity

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CAREER PREPARATION ANALYSIS CHART

OTHER TITLES:

JOB TITLE: Child Care Attendant

DEFINITION: Performs duties under direction of physician in examination and treatment of patients.

D.O.T. NO. 079.368

ENTRY LEVEL JOBS:

RELATED JOBS:

EMPLOYMENT OUTLOOK: Excellent

HOURS:

35 - 40 hours

AVERAGE EARNINGS:

\$110. - \$140. week

G UNION ASSOCIATION AFFILIATION:

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COURSE LOCATION:			
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Vol. 11 Vol. 11 Sup. 1	3ap. 11	Sup. 1	J. Gill	Vol. II	Vol. 1	D.O.T. LOCATION:

TOTAL EDUC/ TRNG REQUIREMENTS:	NTS:
H. S. Grade Completed: 10	
11	
12	×
PG	
On-the-Job Training	×
Apprentice Training	
Technical Institute	×
Business College	
Junior or Community College	
4-year College Grad.	
Graduate School	

HIGH SCHOOL COURSE OF STUDY:
Career Development Program:
Architectual Careers
Automotive Careers
Business Careers
Electro Careers
Graphic Arts Careers
Health Careers
Structural Careers
Specific Occupational
Blue Hills Regional

Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education	Blue Hills Regional		SPECIAL REQUIREMENTS:						
/ES:											461	477	13	149	
R ELECTIVES:											page	"	"		

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CONDITIONS:	Inside	Outside	Both	Cold temp	Hot temp	Wet, humid	Noise, vibration	Hazards	Fumes	Odors	Foxic	Dust	Poor Ventilation	
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Ξ	HYSICAL DEMANDS:	
	Strength	ı
۱	Climbing, balancing	
	Stooping, kneeling,	
	crawfing	
	Manual dexterity	×
	Talking, hearing	×
	Visual acuity	
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INTERESTS: 1 Dealing with things & objects 2 Business contact with people 3 Routine, system 4 Social welfare 5 Prestige, esteem 6 Communication of ideas 7 Science & technology 8 Abstraction, creativity 9 Machines, procedures 1 Tangible results							×			×			
	INTERESTS:	1 Dealing with things &	objects	2 Business contact with	peopie	3 Routine, system	4 Social welfare	5 Prestige, esteem	Communication of ideas	Science & technology	Δ Abstraction, creativity	9 Machines, procedures	0 Tangible results

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RELATION TO:	Data:	People:	Things:
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CAREER PREPARATION ANALYSIS CHART PROJECT CAREER/GUIDANCE

OTHER TITLES:

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Dealing with things &

objects

INTERESTS:

CONDITIONS

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D.O.T. NO.

Business contact with

Routine, system

people

Social welfare

DEFINITION: Performs all slaughtering and butchering operations in a slaughtering and meat packing establishment

JOB TITLE: Butcher

Meat-cutter apprentice ENTRY LEVEL JOBS:

EMPLO YMENT OUTLOOK: RELATED JOBS:

Little - no increase

HOURS: 40 hours

AVERAGE EARNINGS: \$4.00 hour UNION ASSOCIATION AFFILIATION: Amalgamated meat cutters SUGGESTED CAREER ELECTIVES:

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COURSE LOCATION:		٠

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D.O.T. LOCATION:				-
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NTS:					×	×					
TOTAL EDUC/TRNG REQUIREMENTS:	H. S. Grade Completed: 10	-	12	PG	On the Job Training	Apprentice Training	Technicai Institute	Business College	Junior or Community College	4-year College Grad.	Graduate School

Communication of ideas

Prestige, esteem

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Noise, vibration

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6 Hazaros

Fumes Odors Toxi

Wet, humid

Cold temp Hot temp

Outside

Both

Inside

Abstraction, creativity

ထ

Machines, procedures

Tangible results

TEMPERAMENT:

Poor Ventilation

Dust

Science & technology

HIGH SCHOOL COURSE OF STUDY:	ؾ ڿ
Career Development Program:	
Architectual Careers	
Automotive Careers	
Business Careers	
Electro Careers	
Graphic Arts Careers	
Health Careers	
Structural Careers	
Specific Occupational	
Education Culinary Arts	×

TIGH SCHOOL COURSE OF STUDY:	:	
areer Development Program:		
Architectual Careers		
Automotive Careers		٠
usiness Careers		
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iraphic Arts Careers		
lealth Careers		
tructural Careers		
pecific Occupational Gulinary Arts	×	
PECIAL REQUIREMENTS:		

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APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
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Varied duties, frequent change Repeated, set procedures Matching specified instructions Directing & planning for others Working with others Working alone & apart Influencing other people's ideas Risks, unexpected events, emergencies Making empirica judgments, decisions Analyzing facts and figures Interpreting personal feelings
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LATION	Data:	People:	Things:
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PHYSICAL DEMANDS:

Strength

2 Climbing, balancing Stooping, kneeling,

×

Manual dexterity

crawling

က

Talking, hearing Visual acuity

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CAREER PREPARATION ANALYSIS CHART

OTHER TITLES: May be designated according

to specialty

CAREEROGRAM

Baker JOB TITLE: **DEFINITION:** Mixes and bakes ingredients according. $\overset{\circ}{\text{D}}$ 526.781 to recipes to produce breads, pastries, and other baked goods.

Baker Apprentice - 526.781 RELATED JOBS: Baker Helper - 526.886 ENTRY LEVEL JOBS:

EMPLOYMENT OUTLOOK: Slow decline

HOURS:

35 to 48 hours

\$4.35 to \$5.79/hour AVERAGE EARNINGS:

American Bakers Association CT OO UNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES: Home ecc Craft cou

ATION:		
COURSE LOCATION:		
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TOTAL EDUC/TRNG REQUIREMENTS:	Σ	NTS:
H. S. Grade Completed:	01	
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	12	
	PG	
On-the-Job Training		×
Apprentice Training		×
Technical Institute		
Business College		
Junior or Community College		
4-year College Grad.	_	
Graduate School		

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HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education Culinary Arts	

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conomics	Electro Car
ourses	Graphic Art
	Health Care
	Structural (
	Specific Oc
	Education
LOCATION:	
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	manual a
CATION:	interest in
page 37	

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PECIAL REQUIREMENTS:	nanual and finger dexterity	iterest in work with hands				

CONDITIONS:	Y drivel		Both	Cold temp	Hot temp	Wet, humid	Noise, vibration	Hazards	Fumes	Odors	Toxic	Dust	Poor Ventilation	
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APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manuel Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
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표	PHYSICAL DEMANDS:	
_	Strength	H
اما	Climbing, balancing	
~	Stooping, kneeling,	
	crawling	
_	Manual dexterity	×
	Talking, hearing	
-	Visual acuity	
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		×					_	<u> </u>			×	×
INTERESTS:	Dealing with things &	objects	Business contact with	people	Routine, system	Social welfare	Prestige, esteem	Communication of ideas	Science & technology	Abstraction, creativity	Machines, procedures	Tangible results
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	No relation	No relation	Precision work
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RELATION TO:	Data:	People:	Things:
RE	1	2	က

USOE CLUSTER # 6

ENVIRONMENT





CAREER PREPARATION ANALYSIS CHART

PROJECT CAREER/GUIDANCE

OTHER TITLES:



Air Poliution Control Technician JOB TITLE: DEFINITION: Designs and oversees construction and operation of hygienic projects, such as D.O.T. NO. 005,081 water works, sewage, and garbage and trash disposal plants.

ENTRY LEVEL JOBS: Draftsman

EMPLOYMENT OUTLOOK: Industrial Engineer Civil Engineer RELATED JOBS:

HOURS: Varies

Favorable - Slow Increase

\$8,000 - \$10,000/year AVERAGE EARNINGS:

UNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES: Higher Mathematics Drafting Physics Speech

COURSE LOCATION:

D.O.T. LOCATION:		
Vol. I	නිසර	Ø
Vol. 11	:	m
Sup. I	:	
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TOTAL EDUC/TRNG REQUIREMENTS:	MENTS:
H. S. Grade Completed:	01
	_
	12
Ь	PG
On-the-Job Training	×
Apprentice Training	
Technical Institute	-
Business College	
Junior or Community College	
4-year College Grad.	×
Graduate School	
	_

HIGH SCHOOL COURSE OF STUDY:	<u>;</u>
Career Development Program:	
Architectual Careers	×
Automotive Careers	<u>.</u>
Business Careers	
Electro Careers	
Graphic Arts Careers	
Health Careers	
Structural Careers	×
Specific Occupational	İ
Education	

			Γ			Ö			Γ	Γ	
Structural Careers X	Specific Occupational	Education			SPECIAL REQUIREMENTS:	creative talent or imagination	logical mind	organizational ability	clear coherent speech		
								979	371	7	٥ع

IONS:	a	ide	×	temp	temp	humid	Noise, vibration	rds	se	S			
CONDITIONS:	- doise	Outside	Both	Cold temp	Hot temp	Wet, humid	Noise, vil	Hazards	Furnes	Odors	Toxic	Dust	Dog 1/02
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APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
ΑP	1	2	3	4	5	9	7	8	6	10		-	

YSICA	PHYSICAL DEMANDS:	•
Stre	Strength	-
S	Climbing, balancing	
Stoc	Stooping, kneeling,	
crav	crawling	
Man	Manual dexterity	×
Talk	Talking, hearing	×
Visua	Visual acuity	×

2	INTERESTS:	
-	Dealing with things &	
	objects	
7	Business contact with	Γ.
	pecple	
3	Routine, system	ļ
4	Social welfare	Γ
2	Prestige, esteem	
9	Communication of ideas	
7	Science & technology	×
8	Abstraction, creativity	×.
6	Machines, procedures	
0	Tangible results	-

		• • • • •	_				×		_		_						×	_		*
TEMPERAMENT:	1 Varied duties,	frequent change	2 Repeated, set procedures	3 Matching specified	instructions	4 Directing & planning	for others	5 Working with others	6 Working alone & apart	7 Influencing other	people's ideas	8 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figures	X Interpreting personal	feelings	Y Precision, accuracy

	Synthesizing	No Relation	Penal ains the
ë E	0	œ	-
RELATION TO:	Data:	People:	Things:
<u></u>		7	

Synthesiz	No Relati	Precision
0	∞	-
Data:	People:	Things:
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CAREER PREPARATION ANALYSIS CHART

PROJECT CAREER/GUIDANCE

OTHER TITLES: May be designated according

to specialized activity

∞

CAREEROGRAM

Waste Water Treatment Plant Operator JOB TITLE:

955.782 Operates semage treatment, sludge D.O.T. NO. sewage treatment plant to control flow and processing, and disposal equipment in processing of sewage. DEFINITION:

Sewage plant attendant ENTRY LEVEL JOBS:

RELATED JOBS:

Water treatment plant operator

EMPLOYMENT OUTLOOK:

Rapid Rise

Shift Work

HOURS:

\$5,000 to 11,000/year AVERAGE EARNINGS:

UNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES: Industri

COURSE

275 111 D.O.T. LOG Sup. 11 Vol. I Vol. 1 Sup. I

agility & physical stamina

TOTAL EDUC/TRNG REQUIREMENTS: 2 11 12 PG Junior or Community College H. S. Grade Completed: On-the-Job Training Apprentice Training 4-year College Grad Technical Institute Graduate School **Business College**

HIGH SCHOOL COURSE OF STUDY:	 -
Career Development Program:	
Architectual Careers	
Automotive Careers	
Business Careers	
Electro Careers	
Graphic Arts Careers	
Health Careers	
Structural Careers	
Specific Occupational	:
Education Machine Shop	×

בט כאוולבוו בבבטוועבט.	LLCIIVES.	DUSHIESS CALEELS	
al Arts - machines	achines	Electro Careers	ı
		Graphic Arts Careers	_
		Health Careers	
		Structural Careers	_
		Education Machine Shop X	
LOCATION:			_
			1
		SPECIAL REQUIREMENTS:	
		mamual-finger dexterity	r
CATION:		good eyesight	,
	page 641	reading habits - trade journals	E
	435	eye-hard-foot, coordination	_

ion				×			×		×	×	×				
COMDITIONS: 1 Inside Outside Both 2 Cold temp 3 Hot temp 4 Wet, humid 5 Noise, vibrati 6 Hazards 7 Fumes Odors Toxic Dust Poor Ventilal	CONDITIONS:	1 Inside	Outside	Both	2 Cold temp	3 Hot temp		5 Noise, vibration		7 Fumes	Odors	Toxic	Dust	Poor Ventilation	

	×			×	×		×	×	×				
APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye—Hand—Foot	Coordination	11 Color Discrimination	

	П	X	X	×	×	
PHYSICAL DEMANDS:	1 Strength	2 Climbing, balancing	3 Stooping, kneeling, crawling	4 Manual dexterity	5 Talking, hearing	6 Visual acuity

INTERESTS:	1 Dealing with things	objects	2 Business contact w	people	3 Routine, system	4 Social welfare	5 Prestige, esteem	6 Communication of	7 Science & technolo	8 Abstraction, creativ	9 Machines, procedur	0 Tangible results	
				×			X		×	×	×		

ideas

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TEMPERAMENT:	1 Varied duties,	frequent change	2 Repeated, set procedures	3 Matching specified	instructions	4 Directing & planning	for others	5 Working with others	6 Working alone & apart	7 Influencing other	people's ideas	8 Hisks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figures	X Interpreting personal	feelings	Y Precision, accuracy

	No Relation	No Relatio	
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RELATION TO:	Data:	Pecple:	Things.
RE		7	۳.

USOE CLUSTER # 7

FINE ARTS AND HUMANITIES

CAREER PREPARATION ANALYSIS CHART PROJECT CAREER/GUIDANCE

CAREEROGRAM

Circulation Clerk

OTHER TITLES:

Desk Attendant

JOB TITLE: Library Media Aide

shelves books, and issues and receives DEFINITION: Compiles records, sorts and

D.O.T. NO. 100.168

library materials. ENTRY LEVEL JOBS:

NTS:

1 Dealing with things &

objects

INTERESTS:

Business contact with

Routine, system

people

Social welfare

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EME	10	Ξ	12	PG			!				
TOTAL EDUC/TRNG REQUIREMEN	.;								College		
:/TRNG	H. S. Grade Completed:				aining	aining	itute	<u>ж</u>	Junior or Community College	Grad.	ō
L EDUC	Grade C				On-the-Job Training	Apprentice Training	Technical Institute	Business College	or Con	4-year College Grad.	Graduate School
TOTA	H. S.				On-the	Appre	Techn	Busine	Junior	4-year	Gradu

Medical Records Librarian Credit Clerk

Library Aide

RELATED JOBS:

EMPLOYMENT OUTLOOK:

Excellent

HOURS: 40 hours

ၓ	CONDITIONS:	
	Inside	×
	Outside	
	Both	
7	Cold temp	
က	Hot temp	
4	Wet, humid	
2	Noise, vibration	
9	Hazards	
7	Fumes	
	Odors	
	Toxic	
	Dust	
	Poor Ventilation	

Communication of ideas

Prestige, esteem

Abstraction, creativity

ω 6 0

Machines, procedures

Tangible results

TEMPERAMENT: Varied duties,

Science & technology

	×	×	×	×									
APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination	

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												5	
PTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
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Working alone & apart

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Influencing other

people's ideas

Working with others

for others

Directing & planning

Repeated, set procedures

frequent change

Matching specified

instructions

HIGH SCHOOL COURSE OF STUDY:

Career Development Program:

UNION ASSOCIATION AFFILIATION:

AVERAGE EARNINGS:

\$7,000./year

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Architectual Careers Automotive Careers

								≥			×	×
6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination	PHYSICAL DEMANDS:	1 Strength	2 Climbing, balancing	3 Stooping, kneeling,	crawling	4 Manual dexterity

X

Interpreting personal

Precision, accuracy

feelings

×

judgments, decisions

Making empirical

O

emergencies

Analyzing facts and

0

figures

Risks, unexpected events,

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1 Strength M 2 Climbing, balancing 3 Stooping, kneeling, X 4 Manual dexterity X 5 Talking, hearing X 6 Visual acuity X	F	PHYSICAL DEMANDS:	
2 Climbing, balancing 3 Stooping, kneeling, X 4 Manual dexterity X 5 Talking, hearing X 6 Visual acuity X	-	Strength	×
3 Stooping, kneeling, X crawling X 4 Manual dexterity X 5 Talking, hearing X 6 Visual acuity X	2	Climbing, balancing	
crawling X 4 Manual dexterity X 5 Talking, hearing X 6 Visual acuity X	က	Stooping, kneeling,	
4 Manual dexterity X 5 Talking, hearing X 6 Visual acuity X		crawling	×
5 Talking, hearing X 6 Visual acuty X	4	Manual dexterity	×
6 Visual acuity X	ည	Talking, hearing	×
	9	Visual acuity	×

Verbal facility; exactness and

SPECIAL REQUIREMENTS:

Specific Occupational

Education

COURSE LOCATION:

Structural Careers

Graphic Arts Careers

Health Careers

Business Careers Electro Careers

SUGGESTED CAREER ELECTIVES:

Bookkeeping Library Aide

English

ability; liking for public con-

422 258 48

bage

D.O.T. LOCATION:

tact work; enjoyment of

reading

Sup. 11 Sup. 1 Vol. :: -| |-

attention to detail; numerical

bing, balancing		
ping, kneeling,		
ling	×	RELATI
ual dexterity	×	1 Data
ing, hearing	×	2 Peop
al acuity	×	3 Thin

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LATION TO:	Data:	People:	Things:

	compiling	speaksīgnall	no relation
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2	ta:	ple:	ings:

CAREER PREPARATION ANALYSIS CHART PROJECT CAREER/GUIDANCE

OTHER TITLES:

Advertising Copy Writer Ad Writer

and media representatives on style and Consults with Account Exec. design of ad copy. Writes original copy for various media use. DEFINITION:

JOB TITLE: Copy Writer

D.O.T. NO. 132,088

ENTRY LEVEL JOBS: Copywriter

RELATED JOBS:

Advertising Lay-Out EMPLOYMENT OUTLOOK: Account Executive

Slow Increase

Irregular HOURS:

AVERAGE EARNINGS:

\$6,500. - \$8,000./year

UNION ASSOCIATION AFFILIATION:

COURSE LOCATION:		
COURSE	e-2	

D.O.T. LOCATION:		
Vol. I	page	16
Vol. 11		22
Sup. I	:	
Sup. 11	:	5

H. S. Grade Completed: 10 11 12 12 On-the-Job Training Apprentice Training Technical Institute Business College Junior or Community College 4-year College Grad. X Graduate School	TOTAL EDUC/TRNG REQUIREMENTS:	NTS:
	11	
	12	
On-the-Job Training Apprentice Training Technical Institute Business College Junior or Community College 4-year College Grad. Graduate School	PG	
Apprentice Training Technical Institute Business College Junior or Community College 4-year College Grad. Graduate School	On-the-Job Training	
Technical Institute Business College Junior or Community College 4-year College Grad. Graduate School	Apprentice Training	
Business College Junior or Community College 4-year College Grad. Graduate School	Technical Institute	
Junior or Community College 4-year College Grad. X Graduate School	Business College	
4-year College Grad. X Graduate School	Junior or Community College	
Graduate School	4-year College Grad.	×
	Graduate School	

\ <u>``</u>				×							
HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education	

U CAREER ELECTIVES:	ברנו	VES:	Business Caree
lism I			Electro Careen
ше			Graphic Arts (
χdχ			Health Careers
Z			Structural Can
			Specific Occup
			Education
CATION:			
			SPECIAL REQ
			High Langu
ATION:			Articulate
	bage	168	Creativity
	•		

SPECIAL REQUIREMENTS:	High language ability	Articulate discourse	Creativity and imagination	Sense of rhythm and euphony	
					

ဗ	CONDITIONS:	
-	Inside	×
l	Outside	
	Both	
7	Cold temp	
က	Hot temp	
4	Wet, humid	
2	Noise, vibration	
9	Hazards	
7	Fumes	
	Odors	
	Toxic	
	Dust	
	Poor Ventilation	

APTITUDES:	
General Learning	×
Verbal Ability	×
Numerical Ability	
Spatial Ability	
Form Perception	
Clerical Perception	
Motor Coordination	
Finger Dexterity	
Manual Dexterity	
Eye-Hand-Foot	
Coordination	
Color Discrimination	

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PHYSICAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling,	crawling	Manual dexterity	Talking, hearing	Visual acuity	
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Z	INTERESTS:	
-	Dealing with things &	
	objects	
CI	Business contact with	
	people	
က	Routine, system	
4	Social welfare	
2	Prestige, esteem	×
9	Communication of ideas	×
7	Science & technology.	
8	Abstraction, creativity	×
6	Machines, procedures	
0	Tangible results	

						L		L			×				×	Ĺ			×	
TEMPERAMENT:	1 Varied duties,	frequent change	2 Repeated, set procedures	3 Matching specified	instructions	4 Directing & planning	for others	5 Working with others	6 Working alone & apart	7 Influencing other	people's ideas	8 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figures	X Interpreting personal	feelings	Y Precision, accuracy

	R	RELATION TO:	ä	
	-	Data:	0	Synthesizing
L.	7	People:	8	No Relation
	က	Things:	8	No Relation

Comprehensive Artist Advertising Designer

OTHER TITLES:

PROJECT CAREER/GUIDANCE

CAREER PREPARATION ANALYSIS CHART

Advertising Layout JOB TITLE:

DEFINITION: newspaper, magazine, television, poster, direct mail and billboard adver-Designs advertising layouts for tisements from illustrations and photo-

D.O.T. NO. 141,081

graphs submitted by client or may take illustrations from

clients. ENTRY LEVEL JOBS: Paste-up Man

RELATED JOBS:

Paste-up, App.

EMPLOYMENT OUTLOOK:

Slow Increase

HOURS:

Irregular

AVERAGE EARNINGS:

9 Porce Of UNION ASSOCIATION AFFILIATION: \$6,500 - \$8,000/year

SUGGESTED CAREER ELECTIVES:
Advertising Lay-out

COURSE LOCATION:		

	bage	÷	=	:
D.O.T. LOCATION:	Vol. I	Vol. II	Sup. 1	Sup. 11

EMENTS:	0.	 12	PG	×					×	
TOTAL EDUC/TRNG REQUIREMENTS:	H. S. Grade Completed:			On the Job Training	Apprentice Training	Technical Institute	Business College	Junior or Community College	4-year College Grad.	Candinata Cake

HIGH SCHOOL COURSE OF STUDY:	;
Career Development Program:	
Architectual Careers	
Automotive Careers	
Business Careers	×
Electro Careers	1
Graphic Arts Careers	×
Health Careers	
Structural Careers	
Specific Occupational	
Education	

ANEEN ELECTIVES:	Business Careers
	Electro Careers
g Lay-out	Graphic Arts Care
	Health Careers
	Structural Careers
	Specific Occupation
	Education
TION:	
	SPECIAL REQUIR
	Artistic jude
ON:	Eye-hand coor
page b	Manual Dexter
232	Perception of

CONDITIONS:	ONS:	
1 Inside		×
Outside	le	
Both		
2 Cold temp	emp	
3 Hot temp	dw	
4 Wet, humid	umid	
5 Noise,	Noise, vibration	
6 Hazards	sp	
7 Fumes		
Odors		
Toxic		
Dust		
Poor V	Poor Ventilation	

	×	×		×	×		×	×	×		_	×	1
APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
AP	-	2	က	4	5	9	7	æ	6	10		11	

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	S				×	×	×	
PHYSICAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling,	crawling	Manual dexterity	Talking, hearing	Visual acuity	
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REMENTS: pement

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	2	INIERESIS:	
	_	Dealing with things &	
		objects	
	2	Business contact with	
		people	
	3	Routine, system	
	4	Social welfare	
	2	Prestige, esteem	
	9	Communication of ideas	×
	7	Science & technology	
	æ	Abstraction, creativity	×
	6	Machines, procedures	
	0	Tangible results	

<u>~</u>	RELATION TO:	9:	
-	Data:	0	Synthesizing
7	People:	œ	No Relation
က	Things:	_	Precision Wo

Commerical Artist or

Technical Illustrator

JOB TITLE:

CAREER PREPARATION ANALYSIS CHART PROJECT CAREER/GUIDANCE

CAREEROGRAM

OTHER TITLES:

×

CONCITIONS:

81

Engineering Illustrator Production Illustrator

NO.141.0	<u>;</u>			שייים
DEFINITION: Lays out and draws illustrations D.O.r. NO.141.0	ior reproduction in various reference works	and manuals, dealing with assembly installation,	ration maintainance and repair rotal soliciens as	of equipment.
DEF	ğ	ano	g	oĘ

ENTRY LEVEL JOBS:

RELATED JOBS: Designer

(Depending on Industry) EMPLOYMENT OUTLOOK: Moderate Increase 35/40 hours HOURS:

\$4.70/hour AVERAGE EARNINGS: 9983.00 -

UNION ASSOCIATION AFFILIATION:

	\neg	$\overline{}$	_
SUGGESTED CAREER ELECTIVES:	Art		

CATION:		
COURSE LOCATION:		

:	Vol. 11 2	Vol. 1 page 7	D.O.T. LOCATION:
			Vol. II , , , , 2

demonstrated skill finger dexterity

TOTAL EDUC/TRNG REQUIREMENTS:	oleted: 10	=	12	PG	gι	gr.	×		nity College X	d.	
TOTAL EDUC/TR	H. S. Grade Completed:				On-the-Job Training	Apprentice Training	Technical Institute	Business College	Junior or Community College	4-year College Grad	Graduate School

Noise, vibration

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Hazards Fumes

Odors Toxic

4 Wet, humid

က

Cold temp Hot temp

Outside

Both

Inside

						×				×	
HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education Advertising	

	6011600
g	Electro C
	Graphic A
	Health Ca
	Structura
	Specific (
	Education
LOCATION:	
	SPECIAL
	visuali
CATION:	perceiv
727 page 727	WOLK WI

Color Discrimination

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Coordination

HIGH SCHOOL COLLEGE OF STATE	
STORE COURSE OF STORE	
Career Development Program:	
Architectual Careers	
Automotive Careers	
Business Careers	
Electro Careers	
Graphic Arts Careers	×
Health Careers	
Structural Careers	
Specific Occupational	
Education Advertising	×

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	₹.	PHYSICAL DEMANDS:	
REQUIREMENTS:	-	Strength	L'
ize spatial relations	2	2 Climbing, balancing	<u> </u>
we slight differences	m	3 Stooping, kneeling.	L
ith detail		crawling	
dexterity	4	4 Manual dexterity	
trated skill in drawing	ည	5 Talking, hearing	
	9	6 Visual acuity	Ĺ
			Ì

	<u>×</u>		_			L	>=		×	
INTERESTS:	1 Dealing v. ith things & objects	2 Business contact with people	3 Routine, system	4 Social welfare	5 Prestige, esteem	6 Communication of ideas	7 Science & technology	8 Abstraction, creativity	9 Machines, procedures	0 Tangible results

TEMPERAMENT: 1 Varied duties, frequent change 2 Repeated, set procedures 3 Matching specified instructions 4 Directing & planning for others 5 Working with others 6 Working slone & apart 7 Influencing other people's ideas 8 Risks, unexpected events, emergencies 9 Making empirical judgments, decisions 0 Analyzing facts and figures X Interpreting personal fee ings						_		_	_		 	_	×	×		×
	TEMPERAMENT:	1 Varied duties,	frequent change	_	instructions		for others		7 Influencing other	people's ideas	emergencies		judgments, decisions	figures	fee'ings	Y Precision, accuracy

Motor Coordination Clerical Perception

Manual Dexterity Eye-Hand-Foot

Finger Dexterity

8 6 0

 $\times \times$ × ×

Form Perception

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9

Spatial Ability

Numerical Ability

က 4

General Learning

APTITUDES:

Verbal Ability

Poor Ventilation

Dust

	Synthesizing	No Relation	Precision work
ë	0	8	1
LATION TO:	Data:	People:	Things:
RE	-	2	n



CAREER PREPARATION ANALYSIS CHART PROJECT CAREER/GUIDANCE

Clothes Designer

JOB TITLE:

CAREEROGRAM

Fashion Designer

Stylist

OTHER TITLES:

CONDITIONS:

D.O.T. NO. 142,081

DEFINITION: Creates, designs, and prepares patterns for new types and styles of men's, women's, and children's

wearing apparal or knitted

garments.

ENTRY LEVEL JOBS: Patternmaker

Commercial Art RELATED JOBS:

Designing EMPLOYMENT OUTLOOK:

None to moderate increase

HOURS: Average 40 hours

AVERAGE EARNINGS: Not available

International Association of UNION ASSOCIATION AFFILIATION: Clothing Designers

CATION:		
COURSE LOCATION:		

	page 137	232	" 18	١,
D.O.T. LOCATION:	. Vol. ≀	Vol. Ii	Sup. I	Sup. 11

TOTAL EDUC/TRNG REQUIREMENTS:	NTS:
H. S. Grade Completed: 10	
11	
12	
PG	
On-the-Job Training	
Apprentice Training	
Technical Institute	×
Business College	
Junior or Community College	×
4-year College Grad.	
Graduate School	

Noise, vibration

5 4

Hazards Fumes

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Odors Toxic

Wet, humid

Cold temp Hot temp

Outside

Both

Inside

		_	1 General Learning
HIGH SCHOOL COURSE OF STUDY:	. .	2	2 Verbal Ability
		3	3 Numerical Ability
Career Development Program:		4	Spatial Ability
Architectual Careers	×	ည	5 Form Perception
Automotive Careers		ဖ	6 Clerical Perception
Business Careers		7	Motor Coordination
Electro Careers		∞	8 Finger Dexterity
Graphic Arts Careers	×	တ	9 Manual Dexterity
Health Careers		2	10 Eye-Hand-Foot
Structural Careers			Coordination
Specific Occupational		=	11 Color Discrimination
Education Art-Advertising	×		

Career Development Program:	
Architectual Careers	×
Automotive Careers	
Business Careers	
Electro Careers	
Graphic Arts Careers	×
Health Careers	
Structural Careers	
Specific Occupational	
Education Art-Advertising	×
SPECIAL REQUIREMENTS:	
Jenonstrated artistic ability	Lity
reativity, imagination	
erception of form and design	gn
Color discrimination	

lor Discrimination

	Ŧ	PHYSICA
QUIREMENTS:	_	Streng
ted artistic ability	7	Climb
.y, imagination	က	Stoop
n of form and design		crawli
erimination	4	Manu
	2	Talkir
	9	Visual

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sing, balancing я́ng, kneeling,

AL DEMANDS:

									×		×		
	INTERESTS:	Dealing with things &	objects	Business contact with	people	Routine, system	Social welfare	Prestige, esteem	Communication of ideas	Science & technology	Absiraction, creativity	Machines, procedures	Tangible results
	2	-		2		က	4	2	9	7	8	6	0
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TEMPERAMENT:	1 Varied duties,	frequent change	2 Repeated, set procedures	3 Matching specified	instructions	4 Directing & planning	for others	5 Working with others	6 Working alone & apart	7 Influencing other	people's ideas	8 Risks, unexpected events,	emergencies	9 Making empirital	judgments, decisions	0 Analyzing facts and	figures	X Interpreting personal	feelings	Y Precision, accuracy

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APTITUDES:

Poor Ventilation

Dust

	Synthesizin	No relation	Precision v
<u>T</u> 0:	C)	ထ	_
RELATION .	Data:	People:	Things:
RE	-	2	က

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al dexterity

ng, hearing

l acuity

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Commercial and Technical Photographer JOB TITLE:

OTHER TITLES:

CONDITIONS

DEFINITION: Photographs persons, motion picture sets, merchandise, exteriors and interiors, D.O.T. NO. 143,062 machinery, and fashions to be used in advertising and selling.

ENTRY LEVEL JOBS:

Photographer Helper

Portrait Photographer EMPLOYMENT OUTLOOK: Moderate Increase News Photographer RELATED JOBS:

HOURS:

Independent: Varied Salaried: 40 hours AVERAGE EARNINGS:

\$200/week (experienced)

UNION ASSOCIATION AFFILIATION:

SUGBESTED CAREER ELECTIVES: Journal 1 newspape Camera c speec.1

COURSE

Vol. II " 23 Sup. I " 1 Sup. II "	D.O.T. LOCATION: Vol. 1	, aged	123
Sup. I " 1	Vol. 11	:	23
Sup. 11	Sup. 1	:	-1
	Sup. 11	:	

ability to deal with people

HIGH SCHOOL COURSE OF STUDY:	<u>:</u>
Career Development Program:	
Architectual Careers	
Automotive Careers	
Business Careers	
Electro Careers	
Graphic Arts Careers	
Health Careers	
Structural Careers	
Specific Occupational	
Education Advertising	×

	> 1		DUSINESS CALEELS
EST.			Electro Careers
<u>ਜ</u>		_	Graphic Arts Careers
gnns			Health Careers
			Structural Careers
			Specific Occupational
			Education Advertising
LOCATION:			
		Ţ	SPECIAL REQUIREMENTS:
			imagination
CATION:			aesthetic appreciation
	page 527	527	form and symmetry
	:	230	eye - hard coordination

Inside Outside Both Cold ten Wet, hu Noise, v Hazards Fumes Odors Toxic Dust Poor Ve Genera Spatial Form Form Glerica	\times	< ×	×	×	×		Υ.						_		<u> </u>	L	_	×			L
	8 Finger Dexterity 9 Manual Dexterity						1 General Learning	APTITUDES:		Dust	Toxic	Odors		Noise,	Wet,		Cold	Both	Outside	1 Inside	
			·	 	—— ₁	 	í		\neg		-		 						ΓΤ		

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APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
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PHYSICAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling,	crawling	Manual dexterity	Talking, hearing	Visual acuity
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=	INTERESTS:	ļ
-	Dealing with things &	
	objects	
7	Business contact with	
	people	
က	Routine, system	
4	Social welfare	
2	Prestige, esteem	
9	Communication of ideas	×
7	Science & technology	
ω	Abstraction, creativity	
6	Machines, procedures	×.
೦	Tangible results	

				_											×				×	
TEMPERAMENT:	1 Varied duties,	frequent change	2 Repeated, set procedures	3 Matching specified	instructions	4. Directing & planning	for others	5 Working with others	6 Working alone & apart	7 Influencing other	people's ideas	8 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figures	X Interpreting personal	feelings	Y Precision, accuracy

	Synthesizing	Speaking-Signa	
ë	p	9	,
RELATION TO:	Data:	People:	Things:
38	-	2	3

	Synthesizing	Speaking-Signa	Promot ing Cont
	0	9	6
	Data:	People:	Things:
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Decorator, Display Person

OTHER TITLES:

CAREER PREPARATION ANALYSIS CHART PROJECT CAREER/GUIDANCE

Window Trimmer JOB TITLE:

Displays merchandise in windows and showcases, and on sa floor to attract attention of prospective customers. DEFINITION:

ENTRY LEVEL JOBS: Copywriter

RELATED JOBS:

EMPLOYMENT OUTLOOK:

Slow Increase

Irregular HOURS:

AVERAGE EARNINGS: \$7,000/year UNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES:
Art
Illustration
Painting
History
Enalish

COURSE LOCATION:		
JRSE LC		
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<u>.</u>	D.O.T. LOCATION:		1
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D.O.T. NO.	TOTAL EDUC/TRNG REQUIREMENTS:	H. S. Grade Completed:				On-the-Job Training	Apprentice Training	Technical Institute	Business College	Junior or Community College	4-year College Grad.	Graduate School	
ales	T0T	H. S		!		On-t	App	Tech	Busi	Junic	4-ye	Grad	

Business Careers Electro Careers Graphic Arts Careers X Health Careers Structural Careers Specific Occupational Education	HIGH SCHOOL COURSE OF STUDY: Career Development Program: Architectual Careers	اخ ا
aphic Arts Careers alth Careers ructural Careers ecific Occupational	Automotive Careers Business Careers Electro Careers	
ecific Occupational ucation	aphic Arts Careers alth Careers ructural Careers	×
	ecific Occupational ucation	

R ELECTIVES:	IVES:	Business Careers
		Electro Careers
		Graphic Arts Careers
		Health Careers
		Structural Careers
		Specific Occupational
		Education
<u>.</u> .		
		SPECIAL REQUIREM
		Color Discri
		Artistic Abil
page	212	
	232	
ŧ	53	

පි	CONDITIONS:	
•		>
-	Inside	<
	Outside	
	Both	
7	Cold temp	
က	Hot temp	
4	Wet, humid	
2	Noise, vibration	
9	Hazards .	
7	Fumes	
	Odors	
	Toxic	
	Dust	
	Poor Ventilation	

	×	×		×	×		×	×	×			×	
APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination	

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	≥	×		×	×		×	
PHYSICAL DEMANDS:	1 Strength	2 Climbing, balancing	3 Stooping, kneeling,	crawling	4 Manual dexterity	5 Talking, hearing	6 Visual acuity	

mination MENTS:

1 Dealing with things & objects 2 Business contact with people 3 Routine, system 4 Social welfare 5 Prestige, esteem 6 Communication of ideas 7 Science & technology 8 Abstraction, creativity 9 Machines, procedures 0 Tangible results		Z	INTERESTS:	
			Dealing with things &	
	_	ĺ	objects	
	L	7	Business contact with	
			people	
		3	Routine, system	
		4	Social welfare	
		5	Prestige, esteem	
		9	Communication of ideas	×
		7	Science & technology	
9 Machines, procedures 0 Tangible results		<u></u>	Abstraction, creativity	×
0 Tangible results		6	Machines, procedures	
		0	Tangible results	

			1
×		×	
1 Varied duties. 1 Varied duties. 1 requent change 2 Repeated, set procedures 3 Matching specified instructions 4 Directing & planning for others 5 Working with others 6 Working alone & apart 7 Influencing other people's ideas 8 Risks, unexpected events, emergencies 9 Making empirical judgments, decisions	U Analyzing facts and figures	X Interpreting personal feelings	Y Precision, accuracy

<u></u>	AR	REI ATION TO	Ċ	
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	-	Data:	0	Synthesizing
	2	People:	8	No Relation
	က	Things:		Precision Wo

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USOE CLUSTER # 8

HEALTH

CAREER PREPARATION ANALYSIS CHART JOB TITLE: Registered Nurse (Associate Degree)

OTHER TITLES:

Dealing with things &

objects

INTERESTS:

Business contact with

Routine, system

67 4

people

DEFINITION: Renders general nursing care in hospital, infirmary, sanitarium or

treatments in accordance with appf6好 institution. Administers prescribed

nursing techniques. Aids physicians during treatments and ENTRY LEVEL JOBS: examinations of

patients.

RELATED JOBS:

EMPLOYMENT OUTLOOK: Very good

HOURS:

40 week

AVERAGE EARNINGS:

\$7,500 year

UNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES:
health
human anatomy
chemistry
psychology

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OCATIO		
COURSE LOCATION:		

D.O.T. LOCATION:	
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tients D.O.T. NO. 075.378	ions and	FOYRE EDUC/TRNG REQUIREMENTS:	ompleted: 10		12	PG	aininġ	aining	itute	. eg	Junior or Community College	Grad.	Joo
g care to patients n or similar D.O.T. NO.	ed medications and	TEYRE EDUC	H. S. Grade Completed:				On the Job Training	Apprentice Training	Technical Institute	Business College	Junior or Con	4-year College Grad.	Graduate School

On-the-Job Training		
Apprentice Training		
Technical Institute		
Business College		
Junior or Community College	×	
4-year College Grad.		
Graduate School		

HIGH SCHOOL COURSE OF STUDY:		.,
Career Development Program:	_	Ľ
Architectual Careers	Γ-	L.
Automotive Careers	_	
Business Careers	1	
Electro Careers	Τ-	
Graphic Arts Careers	Γ-	٥,
Health Careers X	T	~
Structural Careers		
Specific Occupational	Ι-	F
Education		

Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education			SPECIAL REQUIREMENTS:	facility for relating to	cleanliness	good health	freedom from communi	disease	
/ES:												494	477	12	149
ER ELECTIVES:							:					ъ	**		

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임	CONDITIONS:		
-	Inside	×	
	Outside		
	Both		
2	Cold temp		
က	Hot temp		
4	Wet, humid		
2	Noise, vibration		
9	Hazards		
7	Fumes		
	Odors	T -	
	Toxic		
	Dust		
	Poor Ventilation		
ļ			

Communication of ideas

Prestige, asteem Social welfare

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Abstraction, creativity

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Machines, procedures

က 0

Tangible results

TEMPERAMENT: Varied duties,

Science & technology

					_								
	×	×	×	×	×	×	×	×	×				
APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
₹	_	CA	ני	4	ຜ	9	7	8	6	2		11	

Working alone & apart

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Influencing other

people's ideas

Working with others

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Directing & planning

for others

Repeated, set procedures

frequent change

Matching specified

instructions

emergencies Making empirical judgments, decisions Analyzing facts and figures Interpreting personal feelings								×	
6 0 × >	emergencies	9 Making empirical	judgments, decisions	C Analyzing facts and	figures	X Interpreting personal	feelings	Y Precision, accuracy	

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PHYSICAL DEMANDS:

Strength

Climbing, balancing Stooping, kneeling,

ng to people

Manual dexterity

4

municable

crawling

Talking, hearing Visual acuity

2 ဖ

Risks, unexpected events.

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	RELATION T	Data:	People:	Things:
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JOB TITLE: Radiologic Technician

PROJECT CAREER/GUIDANCE

CAREER PREPARATION ANALYSIS CHART

CAREEROGRAM

OTHER TITLES: X-Ray Technologist

Dealing with things &

objects

INTERESTS:

Business contact with

Routine, system

people

Social welfare

4

radioactive substances to patients for DEFINITION: Applies roentgen rays and diagnostic and therapeutic purposes

078.368 D.O.T. NO.

CONDITIONS:

ENTRY LEVEL JOBS::

RELATED JOBS:

EMPLOYMENT OUTLOOK:

Very good

HOURS: 40 week

AVERAGE EARNINGS:

UNION ASSOCIATION AFFILIATION: 2 \$110 - \$190 week

SUGGESTED CAREER ELECTIVES: health	chemistry			
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ATION:		
COURSE LOCATION:		

TOTAL EDUC/TRNG REQUIREMENTS:	NTS
H. S. Grade Completed: 10	
11	
12	×
PG	
On-the-Job Training	
Apprentice Training	
Technical Institute	
Business College	
Junior or Community College	×
4-year College Grad.	×
Graduate School	

Communication of ideas

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5 Noise, vibration 4 Wet, humid

Hazards Fumes

9

Odors Toxic

Cold temp

Outside

Both

Inside

Hot temp

Prestige, esteem

വ

Abstraction, creativity

ω 6

Machines, procedures

Tangible results

0

TEMPERAMENT: Varied duties,

Poor Ventilation

Dust

APTITUDES:

Science & technology

Repeated, set procedures

frequent change

Matching specified

instructions

HIGH SCHOOL COURSE OF STUDY:	<u>ن</u>
Career Develonment Program:	
Architectual Careers	
Automotive Careers	
Business Careers	
Electro Careers	
Graphic Arts Careers	
Health Careers	×
Structural Careers	
Specific Occupational	
Education	
	Ī

	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education				SPECIAL REQUIREMENTS:	facility for relating to people	cleanliness	good health	freedom from communicable	disasse
	/ES:							-						581	477	13
	RELECTIVES:													bage	:	2
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General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination			PHYSICAL DEMANDS:	Strength
	2	က	4	ည	9	7	∞	6	5		=			E	-
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	Ä					_	_	_	×			┛-			

Risks, unexpected events,

∞

judgments, decisions

Making empirical

6

emergencies

Analyzing facts and

6 Working alone & apart

Influencing other

people's ideas

Working with others

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Directing & planning

for others

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Y Interpreting postoroal	v interpreting personal	feelings	Y Precision, accuracy	

	compiling	speaksignal	no relation
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RELATION TO:	Cata:	People:	Things:
R	-	64	က

RELATION T
1 Cata:
2 People:
3 Things:
(4) (5)

3	×	Visual acuity	9
2 P	×	Talking, hearing	വ
-	×	Manual dexterity	4
REL,	×	crawling	ŀ
		Stooping, kneeling,	က
		2 Climbing, balancing	7

	compiling	speaksignailin	no relation
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101	Cata:	People:	Things:
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OTHER TITLES: Oral Hygienist

Dental Hygienist

DEFINITION: Performs dental prophyliactic individuals in care of teeth and mouth. treatments and instructs groups and

078.368

D.O.T. NO.

ENTRY LEVEL JOBS:

RELATED JOBS:

Dental Assistant

EMPLOYMENT OUTLOOK:

Good

HOURS: 35 - 40 week

2 *6,000 - \$7,000 year AVERAGE EARNINGS:

UNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES:

COURSE

D.O.T. LOCATION: Vol. I Vol. II Sup. I

TOTAL EDUC/TRNG REQUIREMENTS: 12 10 Ξ PG Junior or Community College H. S. Grade Completed: On the Job Training Apprentice Training 4-year College Grad. Technical Institute **Business College** Graduate School

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HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education	Blue Hills Regional

יון הברון בברטוועבט.	Business
nealth	Electro
Tuman anatomy	Graphic
hemistry	Health C
sychology	Structur
	Specific
	Educatio
LOCATION:	Blue H
	SPECIAL
	facilit
CALION:	clean
100	110

SPECIAL REQUIREMENTS:	good health
facility for relating to peopl	Ireedom from communicable
cleanliness	disease

	×												
CONDITIONS:	1 Inside	Outside	Both	2 Cold temp	3 Hot temp	4 Wet, humid	5 Noise, vibration	6 Hazards	7 Fumes	Odors	Toxic	Dust	Poor Ventilation

ے	APTITUDES:	
	General Learning	×
	Verbal Ability	×
	Numerical Ability	×
	Spatial Ability	×
	Form Perception	×
- 1	Clerical Perception	×
- 1	Motor Coordination	×
- 1	Finger Dexterity	×
- 1	Manual Dexterity	×
	Eye-Hand-Foot	
	Coordination	
	Color Discrimination	

	1				×	×	×
PHYSICAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling.	crawling	Manual dexterity	Talking, hearing	Visual acuity
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=	INTERESTS:	
	Dealing with things &	
	objects	
7	Business contact with	
	people	
က	Routine, system	
4	Social welfare	×
က	Prestige, esteem	
9	Communication of ideas	
7	Science & technology	×
∞	Abstraction, creativity	
6	Machines, procedures	
0	Tangible results	

	_		_	_		L		×												×
TEMPERAMENT:	1 Varied duties,	frequent change	2 Repeated, set procedures	3 Matching specified	instructions	4 Directing & planning	for others .	5 Working with others	6 Working alone & apart	7 Influencing other	people's ideas	8 Risks, unexpected events,	emergencies	9 Making empirical	judaments, decisions	O Analyzing facts and	ះគរៈស្វា	X Instructing personal	feelings	Y Precision, accuracy

	compiling	speaking-signal	no relation
0	3	9	သ
RELATION TO	1 Data:	2 People:	3 Things:

CAREER PREPARATION ANALYSIS CHART

PROJECT CAREER/GUIDANCE

OTHER TITLES: Medical Technician

INTERESTS:

×

CAREEROGRAM

Clinical Lab Assistant (Technician) JOB TITLE:

medical laboratory for use in treatment Performs routine tests in and diagnosis of disease. **DEFINITION:**

D.O.T. NO. 078,381

CONDITIONS:

ENTRY LEVEL JOBS:

RELATED JOBS:

Chemical Laboratory Technician EMPLOYMENT OUTLOOK: Pharmacist

Good to Excellent

40 hours HOURS:

\$5,00 to \$7,000/year AVERAGE EARNINGS:

American Society of Clinical TONION ASSOCIATION AFFILIATION Pathologists SUGGESTED CAREER ELECTIVES science nathematics aboratory hemistry biology

COURSE LOCATION:

	aɓed	**		"	
D.O.T. LOCATION:	Vol. I	Vol. 11	Sup. I	Sup. 11	

TOTAL EDUC/TRNG REQUIREMENTS:	NTS:
H. S. Grade Completed: 10	
-	
12	
PG	
On-the-Job Training	
Apprentice Training	
Technical Institute	×
Business College	
Junior or Community College	×
4-year College Grad.	×
Graduate School	

Noise, vibration Wet, humid

4 വ ဖ

Hazards

Fumes

Odors Toxic

Cold temp Hot temp

Outside

Both

Inside

HIGH SCHOOL COURSE OF STUDY:	بز
Career Development Program:	
Architectual Careers	
Automotive Careers	
Business Careers	
Electro Careers	
Graphic Arts Careers	
Health Careers	×
Structural Careers	
Specific Occupational	:
Education	

Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education		SPECIAL REQUIREMENTS	Preference for resec	Facility with mathem	Form perception	Attention to detail		
/ES:											461	418	12	
ECTIVES:											age	:	:	:

	APTITUDES:
	1 General Learning
.npy:	2 Verbal Ability
	3 Numerical Ability
	4 Spatial Ability
	5 Form Perception
	6 Clerical Perception
	7 Motor Coordination
	8 Finger Dexterity
	9 Manual Dexterity
X	10 Eye-Hand-Foot
	Coordination
	11 Color Discrimination

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PHYSICAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling,	crawling	Manual dexterity	Talking, hearing	Visual acuity
PF	-	2	က		4	2	9

arch work

natics

Poor Ventilation

Dust

	Compiling	No relation	Precision work
ö	3	8	1
RELATION TO:	Data:	People:	Things:
R	-	7	ო

X Interpreting personal

feelings

Precision, accuracy

JOB TITLE:

PROJECT CAREER/GUIDANCE

CAREER PREPARATION ANALYSIS CHART

OTHER TITLES: Oxygen-Therapy-Equip. Tech

Oxygen-Therapy Techn.

CAREEROGRAM

Inhalation Therapist

079,368 DEFINITION: Sets up and operates various types D.O.T. NO. oxygen tents, resoscitators, and incubators of oxygen equipment. such as iron lungs,

to administer oxygen and other TOTAL EDUC/TRNG REQUIREMENTS:

gases to patients.

ENTRY LEVEL JOBS:

Chiropracturs Assistant Corrective Therapist EMPLOYMENT CUTLOOK: RELATED JOBS. Excellent

HOURS:

Junior or Community College

4-year College Grad.

Graduate School

40 жеек

AVERAGE EARNINGS:

\$600 month 75

UNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES: health human anatomy chemistry
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COURSE LOCATION:		
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D.O.T. LGCATION:	Vol. I	Voi. it	Sup. I	Sup. 11

HIGH SCHOOL COURSE OF STUDY:	oment Program:	areers	
HIGH SCHOOL COU	Career Development Program:	Architectual Careers	

×	Education
	Specific Occupational
	Structural Careers
×	Health Careers
	Graphic Arts Careers
	Electro Careers
	Businass Careers
	Automotive Careers
	Architectual Careers

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	-		1	3/5	477	13	149	

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H. S. Grade Completed:

7 PG

On-the-Job Training Apprentice Training

Technical Institute **Business College**

	×	×	×	×	×	×	×	×	×				
APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
Ā	-	7	ကျ	4	ည	9	7	∞	6	2		11	

F	PHYSICAL DEMANDS:	Г
-	Strength	Ι.
2	Climbing, balancing	T
က	Stooping, kneeling,	Т
	crawling	_
4	Manual dexterity X	
5	Talking, hearing	T
9	Visual acuity	Т
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			-			×		_	×		ļ		
INTERESTS:	Dealing with things &	objects	Business contact with	people	Routine, system	Social welfare	Prestige, esteem	Communication of ideas	Science & technology	Abstraction, creativity	Machines, procedures	Tangible results	
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									4				

	compiling	Speaksignall	no relation	
10 10	က	9	æ	
RELATION TO:	Data:	People:	Things:	
쮼	-	2	က	

-	Data:	က	compiling
7	People:	9	speaks
က	Things:	8	no relatio

OTHER TITLES:

Medical Assistant JOB TITLE:

DEFINITION: Performs duties under direction of physician in examination and treatment of patients.

ENTRY LEVEL JOBS:

RELATED JOBS:

D.O.T. NO. 079.368

	TOTAL EDUC/TRNG REQUIREMENTS:	EME	VTS:
	H. S. Grade Completed:	5	
		=	
		12	×
1		PG	
1	On-the-Job Training		×
1	Apprentice Training	 	
	Technical Institute		×
	Business Coilege		
	Junior or Community College		
	4-year College Grad.	<u> </u>	
	Graduate School	 	

EMPLOYMENT OUTLOOK:

Excellent

	×												
CONDITIONS:	1 Inside	Outside	Both	2 Cold temp	3 Hot temp	4 Wet, humid	5 Noise, vibration	6 Hazards	7 Fumes	Odors	Toxic	Dust	Poor Ventilation

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	×	×	×	×	×	×	×	×	×				
APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination	

HIGH SCHOOL COURSE OF STUDY:

Career Development Program:

UNION ASSOCIATION AFFILIATION:

\$110. - \$140 week

76

AVERAGE EARNINGS:

35 - 40 hours

HOURS

Architectual Careers Automotive Careers

Business Careers Electro Careers

	×	×	×	×	×	×	×	×	×]
APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
A	-	7	က	4	က	9	~	ω	6	10		=	

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PHYSICAL OCMANDS	Strength	Climbing, balancing	Stooping, kneeling,	crawling	Marga dexterity	Talking, hearing	6 Visual acuity

	INTERESTS:	1 Dealing with things &	objects	2 Business contact with	people	3 Routine, system	4 Social welfare	5 Prestige, esteem	6 Communication of ideas	7 Science & technology	8 Abstraction, creativity	9 Machines, procedures	0 Tangible results	
			×		·									
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	쁘	TEMPERAMENT:	
		Varied duties,	
		frequent change	
	2	Repeated, set procedures	
(7)	က _.	Matching specified	
		instructions	
4		Directing & planning	
_		for others	
<u>د</u>	5	Working with others	×
9	9	Working alone & apart	
_	_	Influencing other	
		people's ideas	_
<u>က</u>	~	Risks, unexpected events,	
		emergencies	
0		Making empirical	
		judgments, decisions	
0		Analyzing facts and	
		figures	
×	_	Interpreting personal	
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.,	;	Precision, accuracy	×

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RELATION TO:	Data:	People:	Things:
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SUGGESTED CAREER ELECTIVES:			

Graphic Arts Careers

		ON:		
		COURSE LOCATION:		
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Blue Hills Regional

Education

Specific Occupationsi

Structural Careers

Health Careers

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	SPECIAL REQUIREMENTS:						
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OTHER TITLES: Occupational Therapy

PROJECT CAREER/GUIDANCE

CAREER PREPARATION ANALYSIS CHART

JOB TITLE: Occupational Therapy Aide

DEFINITION: Assists Occupational Therapist in program to assist in rehabilitating pahospitals and similar institutions 170 admin stering medically oriented occ

ENTRY LEVEL JOBS:

Corrective Therapist RELATED JOBS:

EMPLOYMENT OUTLOOK:

Good

HOURS:

Varies

AVERAGE EARNINGS:

\$7,000/year

UNION ASSOCIATION AFFILIATION: American Occupational Therapy Association SUGGESTED CAREER ELECTIVES: Chemistry Anatomy Biology Physics

COURSE LOCAT

D.O.T. LOCATION:		
Vol. I	bage	~
Vol. 11	:	7.
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. 368			MENTS:	 10	11	12	PG					×			
D.O.T. NO. 079.368	occupational	panents in	TOTAL FDUC/TRNG REQUIREMENTS:	H. S. Grade Completed:				On-the-Job Training	Apprentice Training	Technical Institute	Business College	Junior or Correnuiity College	4-year College Grad.	Graduate School	

Business Careers	Electro Careers	Graphic Arts Ca	Health Careers	Structural Caree	Specific Occupa	Education			SPECIAL REQU	Good health	Understandi	\				The state of the s
neen ereciives.	,						ION:				Ñ:	page 496	477	,, 13	149	

ၓ	CONDITIONS:	
-	Inside	×
	Outside	
	Both	
2	Cold temp	
ເລ	Hot temp	
4	Wet, humid	
വ	Noise, vibration	
9	Hazards	
7	Fumes	
	Odors	
	Toxic	
	Dust	
	Poor Ventilation	

APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination
AP	1	2	3	4	S	9	7	8	6	10		=

F.	PHYSICAL DEMANDS:	
-	Strength	
7	Climbing, balancing	
က	Stooping, kneeling,	
	crawling	
4	Manual dexterity	×
ഹ	Talking, hearing	×
9	Visual acuity	

ng anatomy

IREMENTS:

						×				×			 	
Attendant	INTERESTS:	Dealing with things &	objects	Business contact with	people	Routine, system	Social welfare	Prestige, esteem	Communication of ideas	Science & technology	Abstraction, creativity	Machines, procedures	Tangible results	
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TEMPERAMENT:	1 Varied duties,	2 Repeated, set procedures	3 Matching specified	instructions	4 Directing & planning	for others	5 Working with others	C Working alone & apart	7 Influencing other	people's ideas	3 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figures	X Interpreting personal	feelings	Y Precision, accuracy

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RELATION TO:	Data:	People:	Things:
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CAREER PREPARATION ANALYSIS CHART PROJECT CAREER/GUIDANCE

JOB TITLE: Dental Assistant

OTHER TITLES:

1 Dealing with things &

objects

INTERESTS:

Business contact with

Routine, system

people

Social welfare

DEFINITION: Works with dentists as they examine D.O.T. NO. 079.378 comfortable; prepares him for treatment; and treat patients, makes the patient proper instruments and material obtains dental records; hands

ENTRY LEVEL JOBS: to dentist. RELATED JOBS:

Dental Hygienist

EMPLO YMENT OUTLOOK:

Excellent

HOURS: 40 week

\$75.00 - \$150.00 week AVERAGE EARNINGS: 78

APTITU

UNION ASSOCIATION AFFILIATION:

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SUGGESTED CAREER ELECTIVES:					

COURSE LOCATION:		

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D.O.T. LOCATION:	Vol. I	Voi. II	Sup. I	Sup. 11

TOTAL EDUC/TRNG REQUIREMENTS:	NTS:
H. S. Grade Completed: 10	
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PG	×
On the Job Training	
Apprentice Training	
Technical Institute	×
Business College	
Junior or Community College	
4-year College Grad.	
Graduate School	

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	HIGH SCHOOL COURSE OF STUDY:		Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education	Blue Hills Regional

		Automotive Careers
ELECTIVES:	VES:	Business Careers
		Electro Careers
		Graphic Arts Careers
		Health Careers
		Structural Careers
		Specific Occupational
		Education
		Blue Hills Region
		SPECIAL REQUIREME
bage	193	
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		×												
CONDITIONS:		1 Inside	Outside	Both	2 Cold temp	3 Hot temp	4 Wet, humid	5 Noise, vibration	6 Hazards	7 Fumes	Odors	Toxic	Dust	Poor Ventilation

Communication of ideas

Prestige, esteem

Abstraction, creativity

Machines, procedures

Tangible results

Science & technology

TEMPERAMENT:	1 Varied duties,	frequent change	2 Repeated, set procedures	3 Matching specified	instructions	4 Directing & planning	for others	5 Working with others	6 Working alone & apart	7 Influencing other	people's ideas	8 Risks, unexpected events	emergencies	9 Making empirical	judgments, decisions	O Application facts and
Poor Ventilation			TITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	

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figures	Interpreting personal	feelings	Precision, accuracy		RELATION TO:	Data:	People:
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PHYSICAL DEMANDS:

Strength

Climbing, balancing

Stooping, kneeling,

crawling

Manual dexterity Talking, hearing Visual acuity

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MELAIION	Data:	People:	Things:
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CAREER PREPARATION ANALYSIS CHART

Operating room Technician

Surgical Orderly

OTHER TITLES:

1 Dealing with things &

objects

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INTERESTS:

NDITIONS:

Business contact with

Routine, system

က 4 S ဖ

people

CAREEROGRAM

DEFINITION: Performs any combination of following tasks before and during operation: w shaves and sterilizes patient's operat area; places equipment and supplies

in operating room.

ENTRY LEVEL JOBS:

RELATED JOBS:

Pediatrists Assistant EMPLOYMENT OUTLOOK: Physical Therapist

Very good.

40 week HOURS:

\$95.00 - \$180.00 week AVERAGE EARNINGS; 79

UNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES:	h	numan anatomy	üstry	
SUGGESTED CA	health	human ana	chemistry	

COURSE LOCATION:	· · · · · · · · · · · · · · · · · · ·	

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CONDITIONS:	1 Incide	Outside	Both	2 Cold temp	3 Hot temp	4 Wet, humid	5 Noise, vibration	6 Hazards	1	Odore	Sign	loxic	Dust	Poor Ventilation	TON BUILD A	
: washes, D.O.T. NO. 079.378	erative	POTAL EDUC/TRNG REQUIREMENTS:		11. 3. Glade Completed: 10	11	12 X	PG	On the Job Training X	Apprentice Training	Technical Institute	Business College		Samo of Community College	4-year College Grad.	Graduate School	

Communication of ideas

Prestige, esteem

Social welfare

Abstraction, creativity

Machines, procedures

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Tangible results

TEMPERAMENT: Varied duties,

Science & technology

Repeated, set procedures

General Learning

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APTITUDES:

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HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education		

41	VE3.	Business Careers	
		Electro Careers	1_
an anatomy		Graphic Arts Careers	1
nistry		Health Careers	12
		Structural Careers	٢]
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		Specific Occupational	
		Education	_
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		SPECIAL REQUIREMENTS:	
		facility for relating to neonle	
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	411	good health	
"	13	reedom from commission	
	149	disease	-

HIGH SCHOOL COURSE OF STUDY:	\ <u>`</u>
Career Development Program:	
Architectual Careers	
Automotive Careers	
Business Careers	
Electro Careers	
Graphic Arts Careers	
Health Careers	×
Structural Careers	
Specific Occupational	
Education	×

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General Learning	×	1	3 Mar	4	
Verbal Ability	×	_		instruction	Darino
Numerical Ability	×		Dis		
Spatial Ability	×			8	piannin
Form Perception	: ×		101.0	Mortin	-
Cierical Perception	: >	1		Working with other	other
Motor Coordination	< >	<u> </u>	- 1	Working alone &	de y
Finger Dexterity	<×			iii ildeliicing otner Deople's ideas	ıner
Manual Dexterity	×		Bick Bick	Risks most ported	
Eye-Hand-Foot		<u>-</u>		: isks, diekpe emergencies	בנים ה
Coordination		<u> </u>	9 Mak	Making empiries	100
Color Discrimination				indements decisions	real
			0 Anal	Analyzing facts and	ts and
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SICAL DEMANDS:			feelings	Sb	
Strength	1	>			accuracy
Climbing, balancing		}			
Stooping, kneeling,	-				
rawling			RELATION TO	N TO	
Manual dexterity	×		Data:	7	
Falking, hearing	×	2	i	ه: ا	Serv
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lisks, unexpected events,

Vorking alone & apart

forking with others

Directing & planning

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Y Precision, accuracy	REI ATION TO

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RELATION	1 Data:	2 People:	3 Things:



CAREER PREPARATION ANALYSIS CHART

CAREEROGRAM

OTHER TITLES:

Nurse

Licensed Practical

DEFINITION: Cares for ill, injured, convalescent

and handicapped persons in hospitals, clinics, D.O.T. NO. private homes, sanitariums and similar

079.378

and reports adverse reactions to institutions. Observes patients physician or nurse, general ENTRY LEVEL JOBS: duty.

RELATED JOBS:

EMPLOYMENT OUTLOOK: Strong demand

HOURS:

40 week

AVERAGE EARTHINGS:

starting at \$110, week

UNION ASSOCIATION AFFILIATION:

80

SUGGESTED CAREER ELECTIVES hea hum chei

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	bage	:	:	=
CATION:				
D.O.T. LOCATION:	Vol.	Vol.	Sup. I	Sup. 11

TOTAL EDUC/TRNG REQUIREMENTS: 2 S 0 1 Junior or Community College H. S. Gracie Completed: On the Job Training Apprentice Training 4-year College Grad. Technical Institute **Business College** Graduate School

SILD CANEER ELECTIVES:	BG	Business
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nan anatomy	ق	Graphic
mistry	풀	Health C
	Str	Structura
	တ္တ	Specific (
	Ē	Education
E LOCATION:		
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	SP E	SPECIAL
CATION	fac	facility
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SPECIAL REQUIREMENTS:	facility for relating to people	cleanliness	good health	freedom from communicable	disease		
		175	27.7	7	13	149	

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CONDITIONS:	1 Inside	Outside	Both	2 Cold temp	3 Hot temp	4 Wet, humid	5 Noise, vibration	6 Hazards	7 Fumes	Odors	Тохіс	Dust	Poor Ventilation	7

	×	×	×	×	×	×	×	×	×				
APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination,	
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PHYSICAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling,	crawling	Manual dexterity	Talking, hearing	Visual acuity	
9	-	2	က	-	4	2	9	

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	INTERESTS:	
_	Dealing with things &	L
_	objects	
7	Business contact with	
	people	
က	Routine, system	
 4	Social welfare	 *
 2	Prestige, esteem	4
 9	Communication of ideas	
 ~	Science & technology	×
 ∞	Abstraction, creativity	
 6	Machines, procedures	
 0	Fangible results	

TEMPERAMENT:		
1 Varied duties, frequent change	8	
2 Repeated, set procedures	procedures	1
3 Matching specified	ified	\perp
instructions		
4 Directing & planning	anning	
for others	1	
5 Working with others	others	>
6 Working alone &	& apart	
7 Influencing other	ler	
people's ideas		
8 Risks, unexpected events,	ted events,	
emergencies		
9 Making empirical	le:	
judgments, decisions	isions	
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figures	•	
X Interpreting personal	rsonal	
feelings		
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RELATION TO:	Data:	People:	Things:
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PROJECT CAREER/GUIDANCE

CAREER PREPARATION ANALYSIS CHART

OTHER TITLES: Druggist

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CONDITIONS

D.O.T. NO. 074, 181

DEFINITION: Compounds and dispenses medications, following prescriptions issued by

JOB TITLE: Hospital Pharmacy Technician

physician, dentist, or other authorized medical practitioner.

ENTRY LEVEL JOBS:

Pharmacy helper- 074.387

RELATED JOBS:

Biochemist

Chemist EMPLOYMENT OUTLOOK:

Good; moderate growth

HOURS:

44 to 50 hours

AVERAGE EARNINGS:

\$14,000/year.

American Pharmaceutical Assoc UNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES: Laboratory courses Higher mathematics Chemistry Physics

COURSE LOCATION:		
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D.O.T. LOCATION:		
Vol. I	bage	52E
Vol. II	:	418
Sup. 1	:	12
L dig	:	66

TOTAL EDUC/TRNG REQUIREMENTS:
10
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10 10 11 11 11 10 PG

Noise, vibration

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Hazards Furnes

Odors Toxic

Wet, humid

Cold temp Hot temp

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Outside

Both

Inside

HIGH SCHOOL COURSE OF STUDY:	
Career Development Program:	
Architectual Careers	
Automotive Careers	
Business Careers	
Electro Careers	
Graphic Arts Careers	
Health Careers	
Structural Careers	
Specific Occupational	
Education	

HIGH SCHOOL COURSE OF STUDY:	ent Program:	ers	ers			eers		S	onal			REMENTS:	bility	
HIGH SCHOOL	Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education		SPECIAL REQUIREMENTS:	Intellectual ability	

Color Discrimination

Coordination

Eye-Hand-Foot Manual Dexterity

Q 2 SICAL DEMANDS:

Climbing, balancing Stooping, kneeling,

Strength

Manual dexterity

crawling

Talking, hearing

Visual acuity

H	*-	2	က		4	2	9
	SPECIAL REQUIREMENTS:	Intellectual ability	Attention to detail	Form perception			

	Z	INTERESTS:	
		Dealing with things &	
		objects	×
	7	Business contact with	
•		people	
	3	Routine, system	
	4	Social welfare	
	ည	Prestige, esteem	
	9	Communication of ideas	
	7	Science & technology	X
	8	Abstraction, creativity	
	6	Machines, procedures	X
	0	Tangible results	

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TEMPERAMENT:	Varied duties,	frequent change	Repeated, set procedures	Matching specified	instructions	Directing & planning	for others	Working with others	Working alone & apart	Influencing other	people's ideas	Risks, unexpected events,	emergencies	Making empirical	judgments, decisions	Analyzing facts and	figures	Interpreting personal	feelings	Precision, accuracy
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Motor Coordination Clerical Perception

Finger Dexterity

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Numerical Ability

Spatial Ability

General Learning

APTITUDES:

Verbal Ability

Poor Ventilation

Dust

Form Perception

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RELATION TO: 1 Data: 1 2 People: 8 3 Things: 1
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PROJECT CAREER/GUIDANCE

CAREEROGRAM

OTHER TITLES: Hospital Attendant

Nursing Assistant

CAREER PREPARATION ANALYSIS CHART

JOB TITLE: Nurse Aide

patients under the direction of nursing DEFINITION; Assists in care of hospital and medical staff.

ENTRY LEVEL JOBS:

RELATED JOBS:

D.O.T. NO.

355.878

TOTAL EDUC/TRNG REQUIREMENTS:	TRNG REQUIREN	JENTS:
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H. S. Grade Completed:		 9
	+	12
	PG	(7
On-the-Job Training	ining	× -
Apprentice Training	ning	
Technical institute	ute	
Business College		
Junior or Community College	munity College	_
4-year College Grad.	Srad.	-
Graduate School	-	_

EMPLOYMENT OUTLOOK: Hospital Attendant

Excellent

HOURS:

82

	×							×	×				
CONDITIONS:	1 Inside	Outside	Both	2 Cold temp	3 Hot temp	4 Wet, humid	5 Noise, vibration	6 Hazards	7 Fumes	Odors	Toxic	Dust	Poor Ventilation

Communication of ideas

Prestige, esteem

Abstraction, creativity

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Machines, procedures

Tangible results

TEMPERAMENT:

frequent change

Varied duties,

Science & technology

×

1 Dealing with things &

objects

INTERESTS:

Business contact with

Routine, system

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people

Social welfare

	×	 				×	×	×	×				
APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination	

HIGH SCHOOL COURSE OF STUDY:

Career Development Program:

UNION ASSOCIATION AFFILIATION:

AVERAGE EARNINGS:

\$80.00 week

Architectual Careers Automotive Careers

Business Careers Electro Careers

SUGGESTED CAREER ELECTIVES:

													•
×						ı			×	×	×		
9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination		PHYSICAL DEMANDS:	1 Strength	2 Climbing, balancing	3 Stooping, kneeling,	crawling	4 Manual dexterity	5 Talking, hearing	6 Visual acuity	

SPECIAL REQUIREMENTS:

493 479

page

D.O.T. LOCATION:

Vol. II

Vol.

Sup. II Sup. 1

149 59

Repeated, set procedures	Matching specified	instructions	Directing & planning	for others	Working with others	Working alone & apart	Influencing other	people's ideas	Risks, unexpected events,	emergencies	Making empirical	judgments, decisions	Analyzing facts and	figures	Interpreting personal	feelings	Precision, accuracy
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	rning	ty	bility	ty	otion	eption	Jination	erity	terity	Foot		nination				ANDS:	

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Graphic Arts Careers

Specific Occupational

Education

COURSE LOCATION

Structural Careers

Health Careers

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Strength	Climbing, balancing	Stooping, kneeling,	crawling	Manual dexterity	Talking, hearing	Visual acuity	

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KELATION	Data:	People:	Things:
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CAREER PREPARATION ANALYSIS CHART

PROJECT CAREER/GUIDANCE

OTHER TITLES:

CAREEROGRAM

JOB TITLE: Ward Orderly

DEFINITION: Performs any combination of duties as directed by nursing and medical staff, to care for hospitalized patients.

ENTRY LEVEL JOBS:

Mursing Aide RELATED JOBS:

Psychiatric Orderly EMPLOYMENT OUTLOOK:

Increase Very Rapidly

HOURS:

40 hours/shift work

AVERAGE EARNINGS:

o \$80.00 - \$100.00/week

UNION ASSOCIATION AFFILIATION:

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ION:		
LOCATION		
COURSE LOCATION:		

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D.O.T. LOCATION:	Vol. I	Vol. 11	Sup. 1	Sup. 11

D.O.T. NO. 355.878

TOTAL EDUC/TRNG REQUIREMENTS:	VTS:
H C Grade Completed:	
11	
12	
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On-the-Job Training	>4
Apprentice Training	
Technical Institute	
Business College	
Junior or Community College	
4-year College Grad.	
Graduate School	

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HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education	

UGGESTED CAREER ELECTIVES:		8
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	D.O.T. LOCATION:	Vol. I	Vol. 11	Sup. 1	Sup. 11

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COMDITIONS:	1 Inside	Outside	Both	2 Cold temp	3 Hot temp	4 Wet, humid	5 Noise, vibration	6 Hazaros	7 Fumes	Odors	Foxic	Dust	Poor Ventilation

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APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
AP	***	2	က	4	2	9	7	8	6	10		-	

T	PHYSICAL DEMANDS:	Į
	Strength	>
7	Climbing, balancing	
က	Stooping, kneeling,	
	crawling	
4	Manual dexterity	
5	Talking, hearing	
9	Visual acuity	

Patience & sympathy for others

Relate to people

Clean personal habits

SPECIAL REQUIREMENTS: Good medical record Stability under pressure

				<u>×</u>		×				×		
INTERESTS:	1 Dealing with things &	objects	2 Business contact with	people	3 Routine, system	4 Social welfare	5 Prestige, esteem	6 Communication of ideas	7 Science & technology	8 Abstraction, creativity	9 Machines, procedures	0 Tangible results

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TEMPERAMENT:	1 Varied duties,	frequent change	2 Repeated, set procedures	3 Matching specified	instructions	4 Directing & planning	for others	5 Working with others	6 Working alone & apart	7 Influencing other	people's ideas	8 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figures .	X Interpreting personal	feelings	Y Precision, accuracy

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RELATION T	Data:	People:	Things
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OTHER TITLES: Attendant, Physical

PROJECT CAREER/GUIDANCE

CAREER PREPARATION ANALYSIS CHART

JOB TITLE: Physical Therapy Aide

D.O.T. NO. Prepares patients for treatment by Physical Therapist DEFINITION:

355.878

ENTRY LEVEL JOBS: Child Care Attendant Psychiatric Aide RELATED JOBS:

EMPLOYMENT OUTLOOK:

Excellent

HOURS: 40 or less

\$110 - \$150 experienced UNION ASSOCIATION AFFILIATION: \$80 - \$110 inexperienced AVERAGE EARNINGS:

SUGGESTED CAREER ELECTIVES: first aid human a biology health

TION:		
COURSE LOCATION:		
COURS		

D.O.T. LOCATION:		
Vol. I	bage	3.5
Vol. 11		7
Sup. I	:	
Sup. II	2	ι –

freedom from communicable

TOTAL EDUC/TRNG REQUIREMENTS:	NTS:
H, S. Grade Completed: 10	
11	
12	×
PG	
On-the-Job Training	×
Apprentice Training	
Technical Institute	
Business College	
Junior or Community College	
4-year College Grad.	
Graduate School	

HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	Architectual Careers	Automotive Careers	oss Careers	ro Careers	Graphic Arts Careers	h Careers	Structural Careers	Specific Occupational	ation	
HICH SCHO	Career Deve	Architectual	Automotive	Business Careers	Electro Careers	Graphic Art	Health Careers	Structural C	Specific Occ	Education	

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attentivenes	329	bage 3	Д
ability to r			ATION:
patience 8			
			CATION:
Education			
Specific Occup			
Structural Care			natomy
Health Careers			
Graphic Arts C			
Electro Career			

			Electro Careers
			Graphic Arts Careers
			Health Careers
latomy			Structural Careers
•			Specific Occupational
			Education
CATION:			
			SPECIAL REQUIREMENTS:
			patience & sympathy f
TION:			ability to relate to oth
	abed	329	attentiveness to detail
		479	clean personal habits
	:	58	freedom from communi
	:	149	disease

	TIONS:	de X	side		d temp	temp	, humid	Noise, vibration	ards	nes	ſſS	i.c		
0 - 0 6 8 8 9 0 7	CONDITIONS:	Inside	Outside	Both	2 Cold temp	Hot temp	Wet, humid	5 Noise, vib	6 Hazards	Fumes	Odors	Toxic	Dust	

	×					×	×	×	×				
APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination	

ĮĮ,	PHYSICAL DEMANDS:	
	Strength	H
١	Climbing, balancing	
	Stooping, kneeling,	
Í	crawing	
_	Manual dexterity	×
	Talking, hearing	
9	Visual acuity	

mpathy for others

ate to others to detail

					×		×						×
Therapy	INTERESTS:	Dealing with things &	objects	Business contact with	people	Routine, system	Social welfare	Prestige, esteem	Communication of ideas	Science & technology	Abstraction, creativity	Machines, procedures	Tangible results
	=	•		2		3	4	2	9	7	8	9	0
							- 1		1				

1 Varied duties, frequent change 2 Repeated, set procedures 3 Matching specified instructions 4 Directing & planning for others 5 Working with others 6 Working alone & apart 7 Influencing other people's ideas 8 Risks, unexpected events, emergencies 9 Making empirical judgments, decisions 0 Analyzing facts and ingures X Interpreting personal feelings Y Precision, accuracy							×				×	×					
	TEMPERAMENT:	1 Varied duties,	frequent change	_	instructions	for others		Working alone &	7 Influencing other	people's ideas	emergencies	judgments, decisions	igues	}	feelings	Precision,	

	no relation	serving	no relation
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RELATION TO:	Data:	People:	Things:
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Dental Technician

CAREER PREPARATION ANALYSIS CHART PROJECT CAREER/GUIDANCE

CAREEROGRAM

OTHER TITLES:

DEFINITION:

ENTRY LEVEL JOBS:

REL ATED JOBS:

712,381 D.O.T. NO.

TOTAL EDUC/TRNG REQUIREMENTS: 2 S 2 = Junior or Community College H. S. Grade Completed: On-the-Job Training Apprentice Training 4-year College Grad. Technical institute **Business** College Graduate School

EMPLOYMENT OUTLOOK:

CONDITIONS:	1 Inside	Outside	Both	2 Cold temp	3 Hot temp	4 Wet, humid	5 Noise, vibration	6 Hazards	7 Fumes	Odors	Toxic	Dust	Poor Ventilation

AP	APTITUDES:	
-	General Learning	×
7	Verbal Ability	
က	Numerical Ability	×
4	Spatial Ability	×
വ	Form Perception	×
9	Clerical Perception	
7	Motor Coordination	×
8	Finger Dexterity	×
6	Manual Dexterity	×
5	Eye-Hand-Foot	
	Coordination	•
=	Color Discrimination	
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PHYSICAL DEMANDS:	1 Strength	2 Climbing, balancing	3 Stooping, kneeling,	crawling	4 Manual dexterity	5 Talking, hearing	6 Visual acuity	

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	INTERESTS:	Dealing with things &	objects	Business contact with	people	Routine, system	Social welfare	Prestige, esteem		Science & technology	Abstraction, creativity		Tangible results	
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2 People:	∞	no relation
3 Things:	1	precision wor

SPECIAL REQUIREMENTS.

Specific Occupational

Education

Structural Careers

Health Careers

Graphic Arts Careers

ability to learn & apply craft technique	shility to second seconds.	Spatial perception	ability to annly shon mathematich	בייים הבלק היים וומחובווים ווכף	
	194	312	188	36	
	3 0e	:		:	

l tecur	ahility	Spatia	ability	
	194	312	188	36
	bage	:	:	=

HOURS: 40 week

Good

UNION ASSOCIATION AFFILIATION:

HIGH SCHOOL COURSE OF STUDY:

Career Development Program:

Architectual Careers Automotive Careers

Business Careers Electro Careers

SUGGESTED CAREER ELECTIVES:

blueprint reading

mathematics

human anatomy

USOE CLUSTER # 9

HOSPITALITY AND RECREATION

PROJECT CAREER/GUIDANCE

CAREER PREPARATION ANALYSIS CHART

OTHER TITLES:

CAREEROGRAM

DEFINITION: Conducts recreation activities with assigned groups in public department or voluntary agency.

Recreation Aide

JOB TITLE:

D.O.T. NO. 195,228

ENTRY LEVEL JOBS:

- Camp Junior Counselor

RELATED JOBS:

EMPLOYMENT OUTLOOK: Increase Rapidly HOURS: 40 - 50 hours

\$8,000. - 10,000./year AVERAGE EARNINGS:

UNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES:	Crafts	Recreational activities	Sports			
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COURSE LOCATION:		
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D.O.T. LOCATION:				
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TOTAL EDUC/TRNG REQUIREMENTS:	EMEN	TS:
H. S. Grade Completed:	10	
	=	
	12	×
	PG	
On-the-Job Training		×
Apprentice Training		
Technical Institute		
Business College		
Junior or Community College		
4-year College Grad.	-	
Graduate School		

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HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	Architectual Camers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	ion	
HIGH	Career	Archite	Autom	Busine	Electro	Graphi	Health	Struct	Specifi	Education	

SUGGESTED CAREER ELECTIVES: Crafts	Recreational activities	Sports			
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COURSE LOCATION:		
COURSE		

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	bage	:	"	:
D.O.T. LOCATION:	Vol. I	Vol. II	Sup. 1	Sup. 11

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CONDITIONS:	1 Inside	Outside	Both	2 : Cold temp	3 Hot temp	4 Wet, humid	5 Noise, vibration	6 Hazards	7 Fumes	Odors	Toxic	Dust	Poor Ventilation

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APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
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Preference for public contact

SPECIAL REQUIREMENTS:

Interest in recreational

activities

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TEMPERAMENT:	1 Varied duties,	frequent change	2 Repeated, set procedures	3 Matching specified	instructions	4 Directing & planning	for others	5 Working with others	6 Working alone & apart	7 Influencing other	people's ideas	8 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	U Analyzing facts and	figures	X Interpreting personal	feelings	Y Precision, accuracy

	Analyzing	Instructing	No Relation
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RELATION .	Data:	People:	Things:
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PROJECT CAREER/GUIDANCE

CAREER PREPARATION ANALYSIS CHART

CAREEROGRAM

OTHER TITLES: Touring Counselor

Traveling Clerk

Travel Counselor JOB TITLE:

interest, restaurants, hotels, road information, etc. Reserves hotel, motel, bus, DEFINITION: Plans trips, indicates points of

237.168

D.O.T. NO.

ship, train, plans for client or member of auto club.

ENTRY LEVEL JOBS:

Ticket Clerk

RELATED JOBS:

Dispatcher

EMPLOYMENT OUTLOOK:

HOURS:

N/A

AVERAGE EARNINGS:

N/A

UNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER EL Geography History

Some night or corre COURSE LOCATION: schools

10 D.O.T. LOCATION: Vol. II Sup. 1 Sup. II _. | |-

TOTAL EDUC/TRNG REQUIREMENTS: PG 12 10 Ξ Junior or Community College H.S. Grade Con sleted: On-the-Job Training Apprentice Training 4-year College Grad. Technical Institute Graduate School **Business College**

Garder Development Program:	<u>.</u>
Architectual Careers	
Automotive Careers	
Business Careers	×
Electro Careers	
Graphic Arts Careers	
Health Greers	
Structistel Careers	_
Specific Occupational	
Education	
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ECTIVES:	Business Careers
	Electro Careers
	Graphic Arts Careers
	Health Careers
	Structistel Careers
	Specific Occupational
	Education
spondence	
	SPECIAL REQUIREMENT
	Good reasoning abili
	Preparing itingraries
page 754	Making travel arrang
261	
46	
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	×	×	×			×						
APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordin2:11:	Color Brr ination
AP	1	2	3	4	5	9	7	8	6	10		Ξ

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SICAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling,	crawling	Manual dexterity	Talkinų, hearing	Ve. , acuity	
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INTERESTS:	Dealing with things &	objects	Business contact with	people	Routine, system	Social welfare	Prestige, esteem	Communication of ideas	Science & technology	Abstraction, creativity	Machines, procedures	Tangible results	
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TEMPERAMENT:	1 Varied duties,	frequent change	2 Repeated, set procedures	3 Matching specified	instructions	4 Directing & planning	for others	5 Working with others	6 Westing alone & apart	7 Influencing other	people's ideas	8 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figures	X Interpreting personal	feelings	V Precision, accuracy	

RELATION TO:	ö	
1 Data:	I	Coordinating
2 People:	9	Speaking-signal
3 Things:	∞	No relation

JOB TITLE: Hotel. Motel Clerk

CAREER PREPARATION ANALYSIS CHART PROJECT CAREER/GUIDANCE

242.368

D.O.T. NO.

CAREEROGRAM Front Clerk

Desk Clerk Day Clerk

OTHER TITLES:

DEFINITION: Accommodates hotel patrons by Issues room key and escort instructions registering guests and assigning rooms. Sorts and racks Bellman incoming mail, confirms reservations. ENTRY LEVEL JOBS: to bellman.

RELATED JOBS:

EMPLOYMENT OUTLOOK: Rapid Increases

40 hours HOURS:

AVERAGE EARNINGS: \$2.00/hour

UNION ASSOCIATION AFFILIATION: Hotel and Restaurant Employee's Union

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SUGGESTED CAREER ELECTIVES:					

ON:		
COURSE LOCATION:		
COURSE		

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D.O.T. LOCATION:	Vol. I	Vol. II	Sup. 1	Sup. II

NTS:			×		×						
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TOTAL EDUC/TRNG REQUIREMENTS:	H. S. Grade Completed:				On the Job Training	Apprentice Training	Technical Institute	Business College	Junior or Community College	4-year College Grad.	Graduate School

Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education		SPECIAL REQUIREMENTS:	Clerical rereption	Accurate record keeping	Ability to relate to per			
									• • • • • • • • • • • • • • • • • • • •	366	265	47	
										pag: 366		۲.	:

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APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination	

	F-1	[_		×		
PHYSICAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling,	crawling	Manual dexterity	Talking, Fearing	Visual acuity	
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to people

Ĭ	TEMPERAMENT:	
-	Varied duties.	
	frequent change	×
2	Repeated, set procedures	
က	Matching specified	
	instructions	
ব	Directing & planning	
	for others	
ຂ	Working with others	×
9	Working alone & apart	
7	Influencing other	
	people's ideas	
∞	Risks, unexpected events,	
	emergencies	
හ	Making empirical	
	judgments, decisions	
0	Analyzing facts and	
	figures	
×	Interpreting personal	
	feelings	
>	Precision, accuracy	

RELATION TO:	ë	
1 Data:	3	Compainng
2 People:	9	Speaking-Signal
3 Things:	∞	No Relation

CLUSTER # 10

MANUFACTURING



CAREER PREPARATION ANALYSIS CHART PROJECT CAREER/GUIDANCE

CAREEROGRAM

OTHER TITLES: May be designated according

to speciality

INTERESTS:

Machinist. JOB TITLE: DEFINITION: Sets up and operates machine tools, and fits and assembles parts to make or repair metal parts, mechanisms tools or machines.

ENTRY LEVEL JOBS:

Machinist, Apparentice

RELATED JOBS: Toolmaker

Welder

EMPLOYMENT OUTLOOK: Slow Increase 40 hours average HOURS:

AVERAGE EARNINGS: \$3.50/hour

International Association of UNION ASSOCIATION AFFILIATION: Machinists and Aerospace Abrkers

SUGGESTED CAREER ELECTIVES: blueprint residing shop mathematics netals shop netallurgy

COURSE LOCATION:

438 134 102 page D.O.T. LOCATION: Sup. II Vol. II Sup. I Vol. 1

TOTAL EDUC/TRNG REQUIREMENTS: × D.O.T. NO. 600,280 12 PG 2 = Junior or Community College H. S. Grade Completed: On-the-Job Training Apprentice Training 4-year College Grad. Technical Institute Graduate School **Business College**

HIGH SCHOOL COURSE OF STUDY:	\ \
Career Development Program:	
Architectual Careers	
Automotive Careers	
Business Careers	
Electro Careers	
Graphic Arts Careers	
Health Careers	
Structural Careers	
Specific Occupational	
Education Frachine shop	×
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8	CONDITIONS:	
_	Inside	×
	Outside	
	Both	
2	Cold temp	
ო	Hot temp	
4	Wet, humid	
2	Noise, vibration	
9	Hazards	
7	Fumes	
	Odors	
	Toxic	
	Dust	
	Poor Ventilation	
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APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
A	1	2	3	4	5	9	7	8	6	10		11	

PH	PHYSICAL DEMANDS:	
1	Strength	Σ
2	Climbing, balancing	
3	Stooping, kneeling,	
	crawling	
4	Manual dexterity	×
5	Talking, hearing	
9	Visual acuity	X

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 1 Dealing with things & objects	2 Business contact with people	3 Routine, system	4 Social welfare	5 Prestige, esteem	6 Communication of ideas	7 Science & technology	8 Abstraction, creativity	9 Machines, procedures	0 Tangible results	TEMPERAMENT:	1 Varied dutics,	frequent change	2 Repeated, set procedures	3 Matching specified	instructions	4 Directing & planning	for others	5 Working with others	6 Working alone & apart	7 Influencing other	8 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	 Analyzing facts and 	figires	X Inter-ring personal	feelings

	Analyzing	No Relation	Setting in
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RELATION TO:	Data:	People:	Things:
R		7	77
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Precision, accuracy

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CAREER PREPARATION ANALYSIS CHART

PROJECT CAREER/GUIDANCE

OTHER TITLES:

CAREEROGRAM

Tool and Die Maker JOB TITLE:

D.O.T. NO. 601,280 tools, fits and assembles parts to make and DEFINITION: Analyzes specifications, lays out stock, sets up and operates machine

repair metal working dies, cutting tools, increments.

jigs, fixtures, guages, and machinist's tools

ENTRY LEVEL JOBS: Tool and Die Apprentice

RELATED JOBS:

Machinist Welder

EMPLOYMENT OUTLOOK:

Slow Increase

Junior or Community College

4-year College Grad.

Graduate School

HOURS: 40 hours

AVERAGE EARNINGS: \$4.15/hour

UNION ASSOCIATION AFFILIATION: International Association of Machinists and Aerospace Workers

SUGGESTED CAREER ELECTIVES: blueprint reading shop mathematics metals shop metallurgy

COURSE LOCATION:

Vol. 1 " " " " " " " " " " " " " " " " " "	D.O.T. LOCATION:		
Vol. 11 " Sup. 1 "	Vol. I	bage	` `
Sup. I	Vol. 11		7
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Sup. II	Sup. 11	:	_

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HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers

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Work

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Machine shop

Education

Specific Occupational

Structural Careers

Health Careers

ಶ	CONDITIONS:	
-	Inside	×
	Outside	
	Both	
2	Cold temp	
3	Hot temp	
4	Wet, humid	
2	Noise, vibration	
9	Hazards	
7	Funes	
	Odors	
	Toxic	
	Dust	
	Poor Ventilation	

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H. S. Grade Completed:

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On-the-Job Training Apprentice Training

Technical Institute

Business College

APTITUDES: 1 General Learning X 2 Verbal Ability X 4 Spatial Ability X 5 Form Perception X 6 Clerical Perception X 7 Motor Cooydination X 8 Finger Dexterity X 9 Manual Dexterity X 9 Manual Dexterity X 10 Eye—Hand—Foot Coordination II Color Discrimination													
APTITUDES: 1 General Learning 2 Verbal Ability 3 Numerical Ability 4 Spatial Ability 5 Form Perception 6 Clerical Perception 7 Motor Coordination 8 Finger Dexterity 9 Manual Dexterity 10 Eye—Hand—Foot Coordination 11 Color Discrimination		×		×	×	×	×	×	×	×			
	APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spetial Ability	5 Form Perception		7 Motor Coordination			Coordination	11 Color Discrimination	

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PHYSICAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling,	crawling	Manual dexterity	Talking, hearing	Visual actity ·	
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INTERESTS:	Dealing with things &	objects	Business contact with	people	Routine, system	Social welfare	Prestige, esteem	Communication of ideas	Science & technology	Abstraction, creativity	Machines, procedures	Tangible results
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TEMPERAMENT:	1 Varied duties,	frequent change	2 Repeated, set procedures	3 Matching specified	instructions	4 Directing & planning	for others	5 Working with others	6 Working alone & apart	7 Influencing other	people's ideas	8 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figures	X Interpreting personal	feelings	Y Precision, accuracy

	Analyzing	No Relation	Setting up
ö	7	œ	0
RELATION .	Data:	People:	Things:
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CAREER PREPARATION ANALYSIS CHART

PROJECT CAREER/GUIDANCE

CAREEROGRAM

OTHER TITLES: Heavy Equipment Mechanic

Heavy Equipment Mechanic JOB TITLE.

DEFINITION: Analyzes malfunction and rebuilds b.o.t. No. 620,281 repairs, and adjusts heavy construction equipment other than internal combustion engines

Engineering Equipment Helper ENTRY LEVEL JOBS:

RELATED JOBS:

Operating Engineer

EMPLOYMENT OUTLOOK: Rapid Increase

HOURS: Irregular

\$5.00 to \$7.00/hour AVERAGE EARNINGS:

UNION ASSOCIATION AFFILIATION: International Union of Operating Engineers

SUGGESTED CAREER ELECTIVES:
metals shop - bluegrint
automotive repair reading
power shop
nydraulics
shop mathematics

COURSE LOCATION: general physics

D.O.T. LOCATION:		
Vol. I	abed	25
Vol. II	"	31
Sup. I	:	14
Sup. II	:	\

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TOTAL EDUC/TRNG REQUIREMENTS:	H. S. Grade Completed:				On-the-Job Training	Apprentice Training	Technical Institute	Business College	Junior or Community College	4-year College Grad.	Graduate School	

HIGH SCHOOL COURSE OF STUDY:	;;
Carner Development December	ţ I
Architectual Careers	
Automotive Careers	×
Business Careers	
Electro Careers	_
Graphic Arts Careers	
Health Careers	
Structural Careers	
Specific Occupational	
Education	

Structural Careers	Specific Occupational	Education		SPECIAL REQUIREMENTS:	manual and finger dexterity	physical stamina	agility				
							251	312	148	45	
							age	,	2	,,	

2	CONDITIONS.	
3	JACH LONS.	
-	Inside	×
	Outside	
	Both	
7	Cold :emp	
က	Hot temp	
4	Wet, humid	
<u>.</u>	Noise, vibration	
9	Hazards	
7	Fumes	
	Odors	
	Toxic	
	Dust	
	Poor Ventilation	

	×		×	×	×		×	×	×			
APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination

1 Strength H 2 Climbing, balancing 3 Stooping, kneeling, X crawling 4 Manual dexterity X 5 Talking, hearing 6 Visual acuity X	포	PHYSICAL DEMANDS:	
	_	Strength	Ħ
	~:	Climbing, balancing	
	_	Stooping, kneeling,	
		crawling	×
		Manual dexterity	×
	١	Talking, hearing	
		Visual acuity	×

نـــا	Z	INTERESTS:	
L	-	Dealing with things &	
		objects	٠
L	7	Business contact with	
		people	
Li	က	Routine, system	
	4	Social welfare	
L	2	Prestige, esteem	
	9	Communication of ideas	
L	7	Science & technology	
'	8	Abstraction, creativity	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	6	Machines, procedures	×
	0	Tangible results	×

									_								×			×
TEMPERAMENT:	1 Varied duties,	frequent change	2 Repeated, set procedures	3 Matching specified	instructions	4 Directing & planning	for others	5 Working with others	6 Working alone & apart	7 Influencing other	people's ideas	8 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figures	X Interpreting personal	feelings .	Y Precision, accuracy

1 Data: 2 2 People: 8 3 Things: 1
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OTHER TITLES:

JOB TITLE: Air-Conditioning , Heating, and Refrigeration

DEFINITION: Installs, services, and repairs commercial air-conditioning units, usually D.O.T. NO. 637.281 rated in excess of 100 tons cooling capacity

ENTRY LEVEL JOBS:
Air-Conditioning Mechanic
Helper
RELATED JOBS:
Refrigeration Repairman
Pipefitter
EMPLOYMENT OUTLOOK:

HCURS: 40 hours - Irregular

Increase Very Rapidly

H. S. Grade Compieted: 10
H. S. Grade Compieted: 10
12
PG
On-the-Job Training
Apprentice Training
X
Technical Institute
Business College
Junior or Community College
4-year College Grad.
Graduate School

HIGH SCHOOL COURSE OF STUDY:

Career Development Program:
Architectual Careers
Automotive Careers
Business Careers
Electro Careers
Graphic Arts Careers

SUGGESTED CAREER ELECTIVES:

shop mathematics

chemistry

metals shop

×

Education Air Conditioning

COURSE LOCATION:

Specific Occupational

Structural Careers

Health Careers

×

special requirements
manual and finger dexterity
ability to learn and apply
craft techniques

45

Sup. II

Vol. II Sup. I

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aged :

D.O.T. LOCATION

× × × × × Poc: Ventilation 5 Noise, vibration Wet, humid CONDITIONS Cold temp Hot temp Outside Hazards Fumes Inside Odors Toxic Both Dust 9 4

	×		×	×	X		×	×	×			
APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Abiiity	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination
AP	-	7	3	4	5	9	7	8	6	10		11

	=	×		×	×	X	×	
PHYSICAL DEMANDS:	7 Strangth	2 Climbing, balancing	3 Stooping, kneeling,	crawling	4 Manual dexterity	5 Talking, hearing	6 Visual acuity	

1 Dealing with things & objects 2 Business contact with people 3 Routine, system 4 Social welfare 5 Prestige, esteem 6 Communication of ideas 7 Science & technology 8 Abstraction, creativity 9 Machines, procedures 0 Tangible results			×			<u> </u>	_					×	×
	INTERESTS:	1 Dealing with things &	objects	2 Business contact with	people	3 Routine, system	4 Social welfare	5 Prestige, esteem	6 Communication of ideas	7 Science & technology	R Abstraction, creativity		0 Tangible results

														×			×
TEMPERAMENT: 1 Varied duties,	2 Repeated, set procedures	3 Matching specified	4 Directing & planning	for cavers	5 Working with others	6 Working alone & apart	7 Influencing other	people's ideas	8 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figures	X Interpreting personal	feelings	Y Precision, accuracy

TRELATION TO: 1 Data: 2 2 People: 8 3 Things: 1	•	Analyzing	No Relation	Precision work
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7 2 2 4	LATION	Data:	Peop!e:	Things:
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\$3.25 to \$7.00/hour

CAREER PREPARATION ANALYSIS CHART

CAREEROGRAM

PROJECT CAREER/GUIDANCE

JOB TITLE: Electrical Appliance Repairperson

D.O.T. NO. DEFINITION: Repairs electrical appliances using handtools and electrical testing instruments

723.381

TOTAL EDUC/TRNG REQUIREMENTS:

0

H. S. Grade Completed:

PG 2

Appliance repair trainee ENTRY LEVEL JOBS:

RELATED JOBS:

EMPLOYMENT OUTLOOK Increase Rapidly Radio-TV Repair Electrician

HOURS: Irregular

AVERAGE EARNINGS:

UNION ASSOCIATION AFFILIATION: C1 Not Available

National appliance and Radio-TV Dealers Association

SUGGESTED CAREER ELECTIVES: shop mathematics meral physics netals shop rafts

COURSE LOCATION:

D.O.T. LOCATION:		
Vol. I	bage	1,4
Vol. II	:	۱°'
Sup. 1	:	-
Sup. 11	z	7
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Junior or Community College On the Job Training Apprentice Training 4-year College Grad. Technical Institute **Business College** Graduate School

	-	යි
HIGH SCHOOL COURSE OF STUDY:	2	S
	3	Z
Career Development Program:	 4	Sp
Architectual Careers	5	윤
Automotive Careers	9	ဦ
Business Careers	7	£
Electro Careers X	ω	Ë
Graphic Arts Careers	6	₩
Heaith Careers	2	Ę
Structural Careers	_	ී
Specific Occupational	Ξ	පි
Education		

nāl			EMENTS:	1 dexterity	tion	handtools	'n		
Specific Occupational	Education		SPECIAL REQUIREMENTS:	finger - manual dexterity	spatial perception	ability to use handtools	form perception		
		_			[237	312	194	38

8	CONDITIONS:	
-	Inside	X
.	Outside	
	Both	
2	Cold temp	
m	Hot temp	
4	Wet, humid	
2	Noise, vibration	
9	Hazards	
~	Fumes	
	Odors	
	Toxic	
	Dust	
	Poor Ventilation	
		1

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APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
रे	-	2	က	. 4	5	9	7	8	6	10		11	

	:-				×			
PHYSICAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling,	crawling	Manual dexterity	Talking, hearing	Visual acuity	
Ξ.	-	2	က		4	2	9	

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OTHER TITLES: Small appliance Repairperson Appliance - service represents tive	INTERESTS:	1 Dealing with things &	objects	2 Business contact with	people	3 Routine, system	4 Social welfare	5 Prestige, esteem	6 Communication of ideas	7 Science & technology	8 Abstraction, creativity	9 Machines, procedures	O Tangible results	
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TEMPERAMENT:	1 Varied duties, frequent change	2 Repeated, set procedures	3 Matching specified	instructions	4 Directing & planning	for others	5 Working with others	6 Working alone & apart	7 Influencing other	people's ideas	8 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figures	X Interpreting personal	feelings	Y Precision, accuracy

	Compiling	No relation	
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RELATION TO	Data:	People:	Things:
RE	,	2	e

	Compiling	No relation	Drecision unri
<u>.</u>	m	8	-
	Data:	People:	Things:
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CAREER PREPARATION ANALYSIS CHART PROJECT CAREER/GUIDANCE

CAREEROGRAM

Jig and form maker Plug maker

OTHER TITLES:

Patternmaker JOB TITLE:

D.O.T. NO. 754,381 DEFINITION: Fabricates patterns, fixtures, jigs, and templates used in producing plastic articles.

ENTRY LEVEL JOBS:

Pattern maker apprentice

RELATED JOBS: FOURTY WORKERS Molders

Little or no change EMPLOYMENT OUTLOOK:

HOURS: Average 40

AVERAGE EARNINGS: \$3.00 to \$5.00 per hour

GUNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES: bluepri model art

COURSE

Vol. II page 521 Vol. II " 312 Sup. I " 213 Sup. II 43	D.O.T. LOCATION:		
: "	Vol. 1	ased	521
	Vol. II	:	312
Sup. II 43	Sup. 1		213
	Sup. 11	"	43

TOTAL EDUC/TRNG REQUIREMENTS:	MENTS:
H. S. Grade Completed:	10
	-
	12
<u>ā</u>	PG
On-the-Job Training	
Apprentice Training	×
Technical Institute	
Business College	
Junior or Community College	
4-year College Grad.	
Graduate School	

. .								×		×	
HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education metals shops	

int reading	ELECTIVES.	Electro Careers
		Graphic Arts Careers
hobbies		Health Careers
		Structural Careers
		Specific Occupational
		Education metals shops
E LOCATION:		
		SPECIAL REQUIREMENTS:
		space perception
OCATION:		form perception
	page 521	eye-hand coordination
	312	finger - manual derterity

ONS:	×	Je		temp	dwa	numid	, vibration	qs	×	×	×		Ventilation
CONDITIONS:	Inside	Outside	Both	Cold temp	Hot temp	Wet, humid	Noise, vibration	Hazards	Fumes	Odors	Toxic	Dust	Poor Ventilation
8	-			2	က	4	2	9	7				

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APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
Ā	-	7	3	4	5	9	7	8	6	10		-	

	Σ			×	×			
PHYSICAL DEMANDS:	1 Strength	2 Climbing, balancing	3 Stooping, kneeling,	crawling	4 Manual dexterity	5 Talking, hearing	6 Visual acuity	

attention to detail

ratience

Z	INTERESTS:	
-	Dealing with things &	
	objects	×
2	Business contact with	
	people	
က	Routine, system	
4	Social welfare	
2	Prestige, esteem	
9	Communication of ideas	
7	Science & technology	
8	Abstraction, creativity	
6	Machines, procedures	×
0	Tangible results	×

												L					×		1	4
TEMPERAMENT:	Varied duties,	frequent change	Repeated, set procedures	Matching specified	instructions	Directing & planning	tor others	Working with others	Working alone & apart	Influencing other	people's ideas	Risks, unexpected events,	emergencies	Making empirical	judgments, decisions	Analyzing facts and	figures	Interpreting personal	feelings	Precision, accuracy
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RELATION TO:	Data:	People:	Things:
R		7	က

CAREER PREPARATION ANALYSIS CHART Project CAREER/Guidance

May be designated according

OTHER TITLES:

to specialty

1 Dealing with things &

objects

INTERESTS:

Business contact with

CAREEROGRAM

JOB TITLE: Welder

according to layouts, blueprints, or DEFINITION: Welds metal parts together work orders

D.O.T. NO.

810,884

TOTAL EDUC/TRNG REQUIREMENTS: 9 = 12 ည Junior or Community College H. S. Grade Completed: On the Job Training Apprentice Training Technical Institute **Business College**

> Fabrication and repair Metal-unit assembling EMPLOYMENT OUTLOOK:

RELATED JOBS:

ENTRY LEVEL JOBS:

Welder Helper

			×					×	×		X		
CONDITIONS:	Inside	Outside	Both	Cold temp	Hot temp	Wet, humid	Noise, vibration	Hazards	Fumes	Odors	Toxic	Dust	Poor Ventilation
ၓ	-			7	က	4	ည	9	7				

Communication of ideas

Prestige, esteem

ഹ ဖ

Routine, system

က 4

people

Social welfare

Science & technology

Abstraction, creativity

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×

9 Machines, procedures	0 Tangible results	TEMPERAMENT:	1 Varied duties,
	X	/entilation	

Repeated, set procedures

~

frequent change

Matching specified

instructions

	-earning X	bility	l Ability	bility	ception	erception	ordination X	exterity	exterity X	d-Foot	tion	crimination
APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination
AP	-	2	3	4	ည	9	7	ω	6	10		11

Working alone & apart

Influencing other

people's ideas

Working with others

വ ဖ

for others

Directing & planning

2 Verbal Ability	
3 Numerical Ability	
4 Spatial Ability	×
5 Form Perception	×
6 Clerical Perception	
7 Motor Coordination	×
8 Finger Dexterity	×
9 Manual Dexterity	×
10 Eye-Hand-Foot	>
Coordination	۲
11 Color Discrimination	
-	
PHYSICAL DEMANDS:	
1 Strength	Н
2 Climbing, balancing	
3 Stooping, kneeling,	>
crawling	4
4 Manual dexterity	×

×

metals

Education

Specific Occupational

Structural Careers

Health Careers

Graphic Arts Careers

	General Learning	×
	Verbal Ability	
	Numerical Ability	
4	Spatial Ability	×
2	Form Perception	×
9	Clerical Perception	
	Motor Coordination	×
8	Finger Dexterity	×
6	Manual Dexterity	×
10	Eye-Hand-Foot	>
-	Coordination	۲
	Color Discrimination	

Risks, unexpected events,

ω

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	Н		;	×	X		×	
PRINCAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling,	crawling	Manual dexterity	Talking, hearing	Visual acuity	
ב		2	C.3		4	2	9	

preference for work with

hands

790 322

bage

D.O.T. LOCATION:

SPECIAL REQUIREMENTS:

finger-manual dexterity eye-hand coordination

240

Sup. 11

Vol. I Sup. 1

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×	
Y Precision, accuracy	

Interpreting personal

figures

0

feelings

iudaments, decisions Analyzing facts and

Making empirical

emergencies

	No Relation	No Relation	Manipulating
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RELATION TO:	Data:	People:	Things:
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HIGH SCHOOL COURSE OF STUDY:

4-year College Grad.

HOURS: Average 40

Rapid Increase

Graduate School

Career Development Program:

International Association of

Machinists and Aerospace

UNION ASSOCIATION AFFILIATION:

Architectual Careers

Automotive Careers

Business Careers

SUGGESTED CAREER ELECTIVES:

blueprint reading

qeneral chemistry shop mathematics

general physics

metallurgy

COURSE LOCATION:

Electro Careers





OTHER TITLES:



Electronics Technician JOB TITLE: Applies electronic theory, principles of DEFINITION:electrical circuits, electrical

testing procedures, engineering mathematics D.O.T. NO. physics and related subjects to layout, build, test, troubleshoot, repair, and modi-

fy developmental and production

TOTAL EDUC/TRNG REQUIREMENTS:

H. S. Grade Completed:

828,281

electronic equipment. ENTRY LEVEL JOBS:

Electronics trainee

Electrical technician RELATED JOBS: Broadcast technician

On-the-Job Training Apprentice Training

Technical Institute

Business College

EMPLOYMENT OUTLOOK:

HOURS:

Junior or Community College

4-year College Grad

Graduate School

Average 40

AVERAGE EARNINGS:

© \$6,500. to \$8,500. per year UNION ASSOCIATION AFFILIATION: SUGGESTED CAREER ELECTIVES: higher mathematics blueprint reading electronics chemistry physics

COURSE LOCATION: drafting

×

electronics

Specific Occupational

Education

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HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	ctual Careers	otive Careers	S Careers	Careers	Arts Careers	Careers	Carpers
нен всноог	Career Developm	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers

EMENTS:	facility with math & language	ption	ly basic	nd technical		
SPECIAL REQUIREMENTS:	facility with	spatial perception	learn and apply basic	engineering and technical	methods	
_			46	79	7	95

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Sup. II

Nol. | Sup. 1

Vol. –

	×			 									
CONDITIONS:	1 Inside	Outside	Both	2 Cold temp	3 Hot temp	4 Wet, humid	5 Noise, vibration	6 Hazards	7 Fumes	Odors	Toxic	Dust	Poor Ventilation

= 10

12

3	DELVOIDA DEMANDO.	
=	I SICAL DESCRIPTOS.	
_	Strength	П
2	Climbing, balancing	
<u>س</u>	Stooping, kneeling,	
	crawling	
₹	Manual dexterity	×
2	Talking, hearing	
9	Visual acuity	×

<u>z</u>	INTERESTS:	
-	Dealing with things &	
	objects	
2	Business contact with	
	people	
က	Routine, system	
4	Social welfare	
2	Prestige, esteem	
9	Communication of ideas	
7	Science & technology	×
8	Abstraction, creativity	
6	Machines, procedures	>4
0	Tangible results	

					•												×			×	
TEMPERAMENT:	1 Varied duties,	frequent change	2 Repeated, set procedures	3 Matching specified	instructions	4 Directing & planning	for others	5 Working with others	6 Working alone & apart	7 Influencing other	people's ideas	8 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figures	X Interpreting personal	feelings	Y Precision, accuracy	

æ	RELATION TO:		2
	Data:	2	Analyzing
7	People:	ထ	No relation
~	Things	-	Drogicion term

CAREER PREPARATION ANALYSIS CHART PROJECT CAREER/GUIDANCE

JOB TITLE: Furnace Repairperson

DEFINITION: Installs and repairs hot-air furnaces in accordance with diagrams and other specifications

D.O.T. NO. 869,281

ENTRY LEVEL JOBS:

RELATED JOBS: Air Conditioning and Refrigeration - Oil Burner Mechanics **EMPLOYMENT OUTLOOK:** Repairman Helper Increase Rapidly

Irregular Shift work HOURS:

\$3.25 to \$7.50 per hour AVERAGE EARNINGS:

UNION ASSOCIATION AFFILIATION:

suggested career electives: shop mathematics general physics metals shop blueprint reading
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COURSE LOCATION:		•

	bage	:	:	2	
D.O.T. LOCATION:	·Vol. I	Vol. 11	Sup. I	Sup. 11	

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TOTAL EDUC/TRNG REQUIREMENTS:	II C Grade Completed:			PC	On-the-Job Training	Apprentice Training	Technical Institute	Business College	Junior or Community College	4-year College Grad.	Graduate School

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HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education metals shop	

Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education metals shop		SPECIAL REQUIREMENTS:	manual - finger dexterity	spatial perception	ability to use hardtools	form perception		
									320	312	254	

8	CONDITIONS:	
-	Inside	×
	Outside	
	Both	
2	Cold temp	
က	Hot temp	
4	Wet, humid	
വ	Noise, vibration	
9	Hazards	
7	Fumes	
	Odors	
	Toxic	
	Dust	
	Poor Ventilation	

General Learning X Verbal Ability X Spatial Ability X Spatial Ability X Form Perception X Clerical Perception X Clerical Perception X Motor Coordination X Finger Dexterity X Manual Dexterity X Eye-Hand-Foot Coordination		APTITUDES:	
Verbal Ability Numerical Ability Spatial Ability Torm Perception Clerical Perception Motor Coordination Manual Dexterity Yer-Hand-Foot Sordination	_	Seneral Learning	×
Numerical Ability Spatial Ability Form Perception Clerical Perception Motor Coordination Finger Dexterity Manual Dexterity Yet—Hand—Foot Coordination Sordination		Verbal Ability	
Spatial Ability X Form Perception X Clerical Perception X Wotor Coordination X Finger Dexterity X Wanual Dexterity X Eye—Hand—Foot Sordination	_	Numerical Ability	×
Form Perception X Clerical Perception Motor Coordination X Finger Dexterity X Manual Dexterity X Eye—Hand—Foot Coordination	••	Spatial Ability	×
Clerical Perception Motor Coordination X Finger Dexterity X Manual Dexterity X Eye—Hand—Foot Coordination Color Discrimination		Form Perception	×
Motor Coordination X Finger Dexterity X Manual Dexterity X Eye—Hand—Foot Coordination Color Discrimination		Clerical Perception	
Finger Dexterity X Manual Dexterity X Eye—Hand—Foot Coordination Color Discrimination		Motor Coordination	×
Manual Dexterity X Eye-Hand-Foot Coordination Color Discrimination		Finger Dexterity	×
Eye-Hand-Foot Coordination Color Discrimination		Manual Dexterity	×
Coordination Color Discrimination		Eye-Hand-Foot	
Color Discrimination	_	Coordination	
	_	Color Discrimination	

F	PHYSICAL DEMANDS:	
-	Strength	Σ
2	Climbing, balancing	
က	Stooping, kneeling,	
	crawling	×
4	Manual dexterity	×
5	Talking, hearing	
9	Visual acuity	

•	1		<u>×</u>									×	×
ES: Furnace Installer and Renairmerson Hot Air	INTERESTS	1 Dealing with things &	objects	2 Business contact with	people	3 Routine, system	4 Social welfare	5 Prestige, esteem	6 Communication of ideas	7 Science & technology	8 Abstraction, creativity	9 Machines, procedures	0 Tangible results
7	_												
OTHER TITLES:			×										
ОТН													

F	TEMPERAMENT:	
	Varied duties,	
	frequent change	
2	Repeated, set procedures	L
3	Matching specified	
	instructions	
4	Directing & planning	L
	for others	
ស	Working with others	
9	Working alone & apart	
7	Influencing other	
	people's ideas	
ω	Risks, unexpected events,	
	emergencies	
6	Making empirical	
	iudgments, decisions	
0	Analyzing facts and	
	figures	×
×	Interpreting personal	
	feelings	
>	Precision, accuracy	×

	Analyzing	W relation	
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RELATION TO:	Data:	People:	Things.
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Analyzing	No relation	Precision work
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Data:	People:	Things.
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CLUSTER # 11

MARINE SCIENCE



May be designated according

OTHER TITLES:

CAREEROGRAM

CAREER PREPARATION ANALYSIS CHART PROJECT CAREER/GUIDANCE

Oceanographer Technician

JOB TITLE:

024.081 DEFINITION: Studies physical aspects of ocean, D.O.T. NO. such as density, temperature, and ability D.O.T. NO. to transmit light and sound; movement of

sea; and relationship between TOTAL EDUC/TRNG REQUIREMENTS:

ENTRY LEVEL JOBS:

Laboratory Assistant RELATED JOBS: Research Assistnat

On-the-Job Training Apprentice Training

Technical Institute **Business** College

Marine Biologist EMPLOYMENT OUTLOOK: Geophysicist

Small demand and smaller at present

College

Junior or Community

4-year College Grad.

Graduate School

HOURS:

varied - research

\$8,000 - \$10,000/yr. beg. 0 AVERAGE EARNINGS: \$8,000 - \$10, UNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES:	Physics	Chemistry		
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COURSE LOCATION:		
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HIGH SCHOOL COURSE OF STUDY:

			_					_	×	
Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education	

			×										
CONDITIONS:	apisu	Outside	Both	Cold temp	Hot temp	Vet, humid	Noise, vibration	Hazards	Fumes	Odors	Toxic	Dust	Poor Ventilation
ខ្ល	-		<u> </u>	2	m	47	5	9	7				_

11 PG

2

H. S. Grade Completed:

		×	×	×		×							
APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
4	-	2	က	4	5	9	7	8	6	20		11	

1 Strength L 2 Climbing, balancing 3 Stooping, kneeling, crawling 4 Manual dexterity X 5 Talking, hearing 6 Visual acuity X	Æ	PHYSICAL DEMANDS:	
	-	Strength	١
	2	Climbing, balancing	
	3	Stooping, kneeling,	
		crawling	
.	4	Manual dexterity	×
-	2	Talking, hearing	
	9	Visual acuity	×

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RE	-	2	m

OTHER TITLES: Marine Engine Mechanic

CONDITIONS:

D.O.T. NO. 623, 281

PROJECT CAREER/GUIDANCE

CAREER PREPARATION ANALYSIS CHART

Marine Mechanic JOB TITLE: DEFINITION: Installs and repairs gasoline and diesel engines in boats such as yachts, tugs and trawlers following specifications

Marine Engine Machinist Apprentice ENTRY LEVEL JOBS:

RELATED JOBS: Diesel Mechanic , Deck Engine Mechanic, Marine Engineer EMPLOYMENT OUTLOOK:

HOURS:

Unknown '

AVERAGE EARNINGS:

 $oldsymbol{v}_{0}$ Unknown $oldsymbol{v}_{0}$ Union association affiliation:

Unknown

SUGGESTED CAREER ELECTIVES: Blueprint reading Shop mathematics Engine repair

COURSE LOCATION:

D.O.T. LOCATION:		
Vol. I	page	43
Vol. 11	:	31
Sup. I	t	14
Sup. 11	:	4.

TOTAL EDUC/TRNG REQUIREMENTS:	REMEN	TS:
H. S. Grade Completed:	10	
	=	
9	12	×
	PG	
On-the-Job Training		
Apprentice Training		×
Technical Institute		
Business College		
Junior or Community College		
4-year College Grad.		
Graduate School		

5 Noise, vibration

Hazards Fumes

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Odors

Toxic Dust

Wet, humid

4

Cold temp 3 Hot temp

Outside

Both

1 Inside

		₹	APTITUDES:
			General L
HOOL COURSE OF STUDY:	ؾ		Verbal A
		(-)	Numerica
velopment Program:		4	Spatial A
al Careers		2	Form Per
ve Careers	×	9	Clerical P
areers		_	Motor Co
reers		ω	Finger De
rts Careers		55	Manual D
reers		10	Eye-Han
Careers			Coordina
ccupational			Color Dis

Motor Coordination Clerical Perception

Manual Dexterity Eye-Hand-Foot

Finger Dexterity

Numerical Ability

Spatial Ability

General Learning

Verbal Ability

Poor Ventilation

Form Perception

HIGH SCHOOL COURSE OF STUDY:	
Career Development Program:	
Architectual Careers	
Automotive Careers	×
Business Careers	
Electro Careers	
Graphic Arts Careers	
Health Careers	
Structural Careers	
Specific Occupational	
Education	
SPECIAL REQUIREMENTS:	

Color Discrimination

Coordination

	ā	PHYSICAL DEMANDS:
SPECIAL REQUIREMENTS:	-	Strength
Finger and manual dexterity:	7	2 Climbing, balancing
Eye-hand coordination;	က	3 Stooping, kneeling,
Preference for craft-related tasks		crawling
Ability to use test instruments		4 Manual dexterity
Ability to use hand tools	2	5 Talking, hearing
Ability to follow specific	9	6 Visual acuity

×

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	Z	INTERESTS:	
	-	Dealing with things &	
		objects	×
	2	Business contact with	
		people	
	3	Routine, system	
L	4	Social welfare	
	5	Prestige, esteem	
	9	Communication of ideas	
	7	Science & technology	
	æ	Abstraction, creativity	
	6	Machines, procedures	×
	0	Tangible results	×
	i		

						-								_			×			×
TEMPERAMENT:	1 Varied duties,	frequent change	2 Repeated, set procedures	3 Matching specified	instructions	4 Directing & planning	for others	5 Working with others	6 Working alone & apart	7 Influencing other	people's ideas	8 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	O Analyzing facts and	figures	X Interpreting personal	feelings	Y Precision accuracy

	Analyzing	No relation	Precision Work
	7	8	1
RELATION TO:	Data:	People:	Things:
R	-	7	<u>س</u>

PROJECT CAREER/GUIDANCE

CAREER PREPARATION ANALYSIS CHART

CAREEROGRAM

OTHER TITLES:

×

Dealing with things &

objects

INTERESTS:

Business contact with

Routine, system

people

DEFINITION: Fabricates, repairs, or modifies wooden boats, liferafts, and pontoons, using hand tools, power tools, and measuring instruments following blueprints TOTAL EDUC

D.O.T. NO. 860.381

instruments following bluepr ENTRY LEVEL JOBS: Boatbuilder Apprentice

Boatbuilder Apprentice

RELATED JOBS:
Finish Carpenter
Joiner
EMPLOYMENT OUTLOOK:

limited (regional occupation)

HOURS:

Unknown AVERAGE EARNINGS: UNION ASSOCIATION AFFILIATION:

Unknown

SUGGESTED CAREER ELECTIVES:	Shop mathematics	Wood shop program	Blueprint reading	Hobby building	
SUGGES	Shop	Wood	Bluer	Hobby	

'	
-	

D.O.T. LOCATION:		
Vol. I	page	
Vol. 11	:	m
Sup. I	:	7
Sup. 11	:	4

TOTAL EDUC/TRNG REQUIREMENTS:	NTS:
H. S. Grade Completed: 10	
-	
12	×
PG	
On the Job Training	
Apprentice Training	×
Technical Institute	
Business College	
Junior or Community College	
4-year College Grad.	
Graduate School	

.; C			_		_			×			
HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Careers	Structural Careers	Specific Occupational	on	
HIGH (Career	Archite	Autom	Busines	Electro	Gràphic	Health Careers	Structu	Specific	Education	

TIVES:	Business Careers
	Electro Careers
	Graphic Arts Careers
	Health Careers
	Structural Careers
	Specific Occupational
	Education
	SPECIAL REQUIREMENTS.
	Finger and manual dex
	Eve-hand coordination
61	Preference for craft-ri
312	tasks: Ability to use h
250	tools; Ability to follow
44	specific directions

ဗြ	CONDITIONS		_
		_	
	Inside		
!	Outside		
	Both	×	
7	Cold temp		
က	Hot temp	_	
4	Wet, humid		
ည	Noise, vibration		
9	Hazards		
~	Fumes		
	Odors		
	Toxic		
	Dust		
	Poor Ventilation		
			_
AP	APTITUDES:		
-	General Learning		
7	Verbal Ability		_
က	Numerical Ability	×	
4	Spatial Ability	×	
2	Furn Perception		_
9	Jenical Perception		

Tangible results

Communication of ideas

Prestige, esteem

ည

Social welfare

Science & technology Abstraction, creativity Machines, procedures

1 Varied duties, frequent change 2 Repeated, set procedures 3 Matching specified instructions 4 Directing & planning for others 5 Working with others 6 Working alone & apart 7 Influencing other people's ideas 8 Risks, unexpected events, emergencies 9 Making empirical judgments, decisions 0 Analyzing facts and figures X Interpreting personal feelings					_		L	L.					×			×
	TEMPERAMENT.	1 Varied duties,	frequent change		instructions	for others		Working alone &	7 Influencing other	people's ideas	emergencies	judgments, decisions	figures	ŀ	feelings	Y Precision accuracy

Motor Coordination

Finger Dexterity

ω

Manual Dexterity Eye-Hand-Foot

6 0

	Compiling	No relation	Precision Wor
ë	m	ω	-
RELATION TO:	Data:	People:	Things:
RE	-	7	က

Σ

Climbing, balancing Stooping, kneeling,

xterity

PHYSICAL DEMANDS:

Strength

Color Discrimination

Coordination

×

Manual dexterity Talking, hearing

crawling

elated

Visual acuity

4		
	1	0

Unknown

CLUSTER # 12 MARKETING AND DISTRIBUTION

PROJECT CAREER/GUIDANCE

CAREEROGRAM

OTHER TITLES: Designated according to

type of merchandise.

CAREER PREPARATION ANALYSIS CHART

JOB TITLE: Buyer

D.O.T. NO. 162.158 resale basing selection on nature of cli demand for specific merchandise and DEFINITION: Purchases merchandise for

experience as buyer

ENTRY LEVEL JOBS:

Sales general

Purchasing Agent RELATED JOBS: Broker

EMPLOYMENT OUTLOOK:

Slow increase

HOURS:

40/week

AVERAGE EARNINGS:

\$10,000.00

UNION ASSOCIATION AFFILIATION: 105

None

SUGGESTED CAREER ELE Business administrat Marketing Sales psychology

COURSE LOCATION:

	bage	ı	:	:
D.O.T. LOCATION:	Vol. 1	Vol. II	Sup. I	Sup. 11

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		_												
2		NTS						×			×		×	
		TOTAL EDUC/TRNG REQUIREMENTS:		10	11	12	PG							
í 		OUF										ege		
D.O.1.		IG RE		ted:			į					Junior or Community College		
. S		TRN		H. S. Grade Completed:				On-the-Job Training	Apprentice Training	tute	ą,	muni	4-year College Grad.	ol
of clientele,		DOC		ge C				b Tra	ce Tra	Technical Institute	Business College	S	llege	Graduate School
lien		TAL E		S. Gr				the-Jc	renti	hnica	ness	00	ar C	duate
o jo	and	101		I				ċ	Apr	Tec	Bus	Jun	4-ye	Gra

HIGH SCHOOL COURSE OF STUDY:	خ
Career Development Program:	
Architectual Careers	
Automotive Careers	
Business Careers	×
Electro Careers	
Graphic Arts Careers	
Health Careers	
Structural Careers	
Specific Occupational	
Education	

CTIVES.	<u> </u>	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education	j	SPECIAL REQUIREMENTS	Outgoing personality	Good grooming	88	184	22	150	
	ers	s Careers	ers.	areers	upational			QUIREMEN	personali	ming					

CONDITIONS:		
		1
1 Inside	×	
Outside		
Both		1
2 Cold temp]	1
3 Hot temp		ı
4 Wet, humid		
5 Noise, vibration		
6 Hazards		
7 Fumes		
Odors		1
Toxic		
Dust		
Poor Ventilation		

AP	APTITUDES:	
-	General Learning X	
7	Verbal Ability X	
3	Numerical Ability X	
4	Spatial Ability	
2	Form Perception	Π
9	Clerical Perception	
7	Motor Coordination	Π
8	Finger Dexterity	Γ
6	Manual Dexterity	Ţ
10	Eye-Hand-Foot	Ι
	Coordination	
11	Color Discrimination	
		1

					•			
	17				×	×		
PHYSICAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling,	crawling	Manual dexterity	Talking, hearing		
Ξ.	-	7	က		4	ည	9	

	-	_	-	×	-	_	×		_		_	
INTERESTS:	Dealing with things &	objects	Business contact with	people	Routine, system	Social welfare	Prestige, esteem	Communication of ideas	Science & technology	Abstraction, creativity	Machines, procedures	Tangible results
=	-		2		က	4	သ	9	~	œ	6	0

							×			×			_	×	L				
TEMPERAMENT:	1 Varied duties, frequent change	2 Repeated, set procedures	3 Matching specified	instructions	4 Directing & planning	for others	5 Working with others	6 Working alone & apart	7 Influencing other	people's ideas	8 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figures	X Interpreting personal	feelings	Y Precision, accuracy

RELATION TO:	
1 Data: 1 Coor	Coordinating
2 People: 5 Pers	Persauding
3 Things: 8 No re	No relation

OTHER TITLES: Advertising Man

Advertising Assistant JOB TITLE:

Plans or assists in planning, DEFINITION: advertising program to pro-

write copy, do layout work, set up mote sale of company's products.

displays and write sales outline for use by sales staff.

ENTRY LEVEL JOBS: Copywriter

Retail sales Journalism RELATED JOBS:

EMPLOYMENT OUTLOOK: Slow Increase

HOURS:

Irregular

9 UNION ASSOCIATION AFFILIATION: AVERAGE EARNINGS:

SUGGESTED CAREER ELECTIVES:			

COURSE

	9 aged	482	23	
D.O.T. LOCATION:	Vol. i	Vol. II	Sup. 1	1. 2.0

TOTAL EDUC/TRNG REQUIREMENTS: D.O.T. NO. 164.068 12 2 = PG Junior or Community College H. S. Grade Completed: On the Job Training Apprentice Training 4-year College Grad. Technical Institute **Business College** Graduate School May

		₹	APTITUDE
			Genera
HIGH SCHOOL COURSE OF STUDY:	.:		Verbal
		(1)	Numer
Career Development Program:		4	Spatial
Architectual Careers		2	Forn F
Automotive Careers		9	Clerical
Business Careers	×		Motor
Electro Careers		∞	Finger
Graphic Arts Careers		6	Manual
Health Careers	<u>. </u>	2	Eye-H
Structural Careers			Coordir

ED CAREER ELECTIVES:		Business Careers
		Electro Careers
		Graphic Arts Careers
		Health Careers
		Structural Careers
		Specific Occupational
		Education
LOCATION:		
-		
		SPECIAL REQUIREMENTS.
		Post-high school con
CATION:		Psychology, Sociolog
aɓed	9	English, Advertising
48	482	Some art background

8	CONDITIONS:	
	Inside	×
!	Outside	
!	Both	
ĺ	Cold temp	
က	Hot temp	
	Wet, humid	
5	Noise, vibration	
	Hazards	
	Fumes	
	Odors	
	Toxic	
	Dust	
	Poor Ventilation	

		X	×	ty			iori	ıtion			15		
ADTITIOES.	III UDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination
4	t	-	2	3	4	5	9	7	8	6	10		-

	Ι_]		L	L	1	1.7	j
	ď	2		_	×		×	
PHYSICAL DEMANDS:	Strength	2 Climbing, balancing	3 Stooping, kneeling,	crawling	Manual dexterity	5 Talking, hearing	S Visual acuity	
۵.	1	2	က		4	5	9	

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h school courses gy, Sociology,

Advertising

	Z	INTERESTS:	
		Dealing with things &	
j		objects	
	2	Business contact with	:
		people	×
	က	Routine, systern	
	4	Social welfare	
	2	Prestige, esteem	×
	9	Communication of ideas	×
	7	Science & technology	
	8	Abstraction, creativity	×
	6	Machines, procedures	
		Tangible results	

RE	RELATION TO	10:	
	Data:	0	Synthesizing
7	People:	9	Speaking-Signal
က	Things:	ω	No Relation

PROJECT CAREER/GUIDANCE

CAREER PREPARATION ANALYSIS CHART

OTHER THEES:

retail store. Assumes authority and respon-DEFINITION: Assists manager in managing sibilities of manager during his absence.

Assistant Store Manager

JOB TITLE:

ENTRY LEVEL JOBS:

Supervisor RELATED JOBS. Concession Supervisor Service Manager EMPLOYMENT OUTBOOK:

Moderate Increase

HOURS:

Average 40 (Irregular) AVERAGE EARNINGS:

 10^{2}

None

SUGGESTED CAREER ELECTIVES:	Business Management	ygolc) gy	inel Relations	
SUGGES	Busine	Psychology	Sociology	Personnel	

TION:	-	
700T		
COURSE LOCATION:		

D.O.T. LOCATION:	
Vol. 1	page 2884
Vol. II	24
Sup. 1	
Sup. 11	

H. S. Grade Completed: 10 11 12 12 On-the-Job Training Apprentice Training Technical Institute Business College Junior or Community College 4-year College Grad.	TOTAL EDUC/TRNG REQUIREMENTS:	NTS:
	H. S. Grade Completed: 10	
	12	
On-the-Job Training X Apprentice Training Technical Institute Business College Y Junior or Community College X 4-year College Grad.	PG	
Apprentice Training Technical Institute Business College X Junior or Community College 4-year College Grad.	On-the-Job Training	×
Technical Institute Business College · X Junior or Community College 4-year College Grad. X	Apprentice Training	
Business College · X Junior or Community College 4-year College Grad. X	Technical Institute	
Junior or Community College 4-year College Grad. X	Business College ·	×
4-year College Grad.	Junior or Community College	
	4-year College Grad.	×
Graduate School	Graduate School	

HIGH SCHOOL COURSE OF STUDY:	<u>:-</u>
Career Development Program:	
Architectual Careers	
Automotive Careers	
Business Careers	×
Electro Careers	
Graphic Arts Careers	
Health Careers	
Structural Careers	
Specific Occupational	
Education	

	×												
CONDITIONS:	Inside	Outside	Both	Cold temp	Hot temp	Wet, humid	Noise, vibration	Hazards	Fumes	Odors	Toxic	Dust	Poor Ventilation
ဗ	-			7	က	4	2	ဖွ	7				

	×	×	×			×						
APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination

PH	PHYSICAL DEMANDS:	
-	Strength	Ы
2	Climbing, balancing	
3	Stooping, kneeling,	
	crawling	
4	Manual dexterity	
5	Talking, hearing	×
9	Visual acuity	

ate, execute

2 Business compart with	people	people 3 Routine, system	3 Routine, system 4 Social welfare	9 Routine, system 4 Social welfare 5 Prestige, esteem	3 Routine, system 4 Social welfare 5 Prestige, esteem 6 Communication of ideas	2 Routine, system 4 Social welfare 5 Prestige, esteem 6 Communication of ideas 7 Science & technology	9 Routine, system 4 Social welfare 5 Prestige, esteem 6 Communication of ideas 7 Science & technology 8 Abstraction, creativity	
2 Busines	3 Routine	4 Social w	5 Prestige,	6 Commu	7 Science			9 Machine

ge procedures ified anning others & apart her cal cal cisions s and			×					×	×							×		×			
1 Varied duties, frequent chan 2 Repeated, set 3 Matching specinstructions 4 Directing & plant for others 5 Working with 6 Working alone 7 Influencing ot people's ideas 8 Risks, unexperies 9 Making empiriting decreases 9 Making empiriting fact figures X Interpreting perfecti	TEMPERAMENT:	1 Varied duties,	frequent change	2 Repeated, set procedures	3 Matching specified	instructions	4 Directing & planning	for others	5 Working with others	6 Working alone & apart	7 Influencing other	people's ideas	8 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figures	X Interpreting personal	feelings	Y Precision, accuracy

RELATION TO:	TO:	
Data:	1	Coordinating
? People:	9	Speaking Signal
3 75,000:	8	No Relations

CAREER PREPARATION ANALYSIS CHART PROJECT CAREER/GUIDANCE

Real Estate Agent OTHER TITLES:

CONDITIONS

D.O.T. NO. 186-118

JOB TITLE: Real Estate Salesperson

DEFINITION: Rents, buys, and sells property for clients on commission Draws up real estate contracts. basis.

Agent ENTRY LEVEL JOBS:

RELATED JOBS: Real Estate Broker

EMPLOYMENT OUTLOOK: Moderate Increase

Irregular HOURS: AVERAGE EARNINGS: 7,000./year

\$12,000 COUNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES:	Business administration	Marketing	Real estate law		
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COURSE LOCATION:	
COURSI	

D.0.1	. LOCATION:	i	
Vol.		bage	9
Vol.	_	:	4
Sup. 1			
Sup. 1		:	H

TOTAL EDUC/TRNG REQUIREMENTS:	ENTS:
H. S. Grade Completed: 10	
1	
12	×
PG	
On-the-Job Training	
Apprentice Training	
Technical Institute	
Business College	×
Junior or Community College	×
4-year College Grad.	
Graduate School	

Noise, vibration

Hazards

Fumes

Toxic Odors

Dust

Wet, humid

4 വ

Hot temp

က

Cold temp

Outside

Both

Inside

•			APT	APTITUDES:
		L'	-	General L
SCHOOL COURSE OF STUDY	·.	L	2	Verbal A
			3	Numerica
Development Program:			4	Spatial A
ectual Careers			വ	Form Per
notive Careers			9	Clerical P
ss Careers	×		7	Motor Co

Numerical Ability

Spatial Ability

General Learning

Verbal Ability

Poor Ventilation

Form Perception

	_	_	_	-	_
SUGGESTED CAREER ELECTIVES:	Business administration	Marketing	Real estate law		

COURSE LOCATION:		

D.O.T. LOCATION: Vol. page Vol. , , , , , , , , , , , , , , , , , ,		618	488	48	150
D.O.T. LOCATION: Vol. 1 Sup. 1 Sup. 1		page	:	:	:
	D.O.T. LOCATION:	Vol. 1	Vol. 11	Sup. I	Sup. 11

HIGH SCHOOL COURSE OF STUDY:	۶۲:
Career Development Program:	
Architectual Careers	
Automotive Careers	
Business Careers	×
Electro Careers	
Graphic Arts Careers	
Health Careers	
Structural Careers	
Specific Occupational	
Education	

Color Discrimination

Coordination

YSICAL DEMANDS:

Strength

Climbing, balancing

Stooping, knewling,

crawling

Manual dexterity

Talking, hearing

Visual acuity

	4 W a	4		က	7	-	Æ
SPECIAL REQUIREMENTS: Good grooming and attire Public contact work Poise and good vocabulary			Poise and good vocabulary	Public contact work	Good grooming and attire	SPECIAL REQUIREMENTS:	

							<u> </u>	<u> </u>	7		<u>L</u> _	L	1
	INTERESTS:	1 Dealing with things &	objects	2 Business contact with	people	3 Routine, system	4 Social welfare	5 Prestige, esteem	6 Communication of ideas	7 Science & technology	8 Abstraction, creativity	9 Machines, procedures	0 Tangible results
					×							_	
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								×			×			_;	×					
TEMPERAMENT:	Varied duties,	frequent change	Repeated, set procedures	Matching specified	instructions	Directing & planning	for others	Working with others	Working alone & apart	Influencing other	people's ideas	Risks, unexpected events,	emergencies	Making empirical	judgments, decisions	Analyzing facts and	figures	Interpreting personal	feelings	Precision, accuracy
-	_		2	က		4		ည	9	7		œ		6		0		×		≻
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Motor Coordination Clerical Perception

Manual Dexterity Eye-Hand-Foot

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10

Finger Dexterity

_	R	RELATION TO	10	
	-	Data:	Ľ	Precision Wo
	2	People:	н	Precision Wo
	က	Things	ω	No Relation

	RELATION TO:	<u>1</u> 0		
	Data:	1	Precision Work	논
~	People:	н	Precision Work	۲
က	Things	000	No Relation	ł

OTHER TITLES:

×

CONDITIONS:

D.O.T. NO. 204,388

CAREER PREPARATION ANALYSIS CHART

Sales Correspondent JOB TITLE:

DEFINITION: Compiles data pertinent to the Confers with engineering manufacture of special products for customers.

and production department on and relays such to customer. ail phases of special order ENTRY LEVEL JOBS:

Clerical Positions, Order Taker

RELATED JOBS:

EMPLOYMENT OUTLOOK: Slow

40 hours HOURS:

Dust Poor Ventilation

APTITUDES:

AVERAGE EARNINGS:

60 UNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES: English Granner and	Composition			
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COURSE LOCATION

D.O.T. LOCATION:		
Vol. 1	page	615
Vol. II		256
Sup. I	:	35
Sup. 11	:	6

OTAL EDITO/TRAIC BEOLIDEMENTS:	EALT.
O'DE EDOCUMENT DECOUNTING	2
4. S. Grade Completed: 10	
-	-
12	×
PG	
On-the-Job Training	
Apprentice Training	
Fechnical Institute	
Susiness College	×
lunior or Community College	×
Lyear College Grad.	
Graduate School	

Noise, vibration

ب

·6 Hazards Furnes

Odors

Toxic

4 Wet, humid

Hot temp

Cold temp

Outside

Both

1 Inside

			General Learning
HIGH SCHOOL COURSE OF STUDY:	.: ::	2	Verbal Ability
		က	Numerical Ability
Career Development Program:		4	Spatial Ability
Architectual Careers		ည	Form Perception
Automotive Careers		ဖ	6 Clerical Perception
Business Careers	×	7	Motor Coordination
Electro Careers		∞	Finger Dexterity
Graphic Arts Careers		6	Manual Dexterity
Health Careers		9	10 Eye-Hand-Foot

tention to detail	Good vocabulary Attention to detail	SPECIAL REQUIREMENTS:		ucation	acific Occupational	Structural Careers	Health Careers	Graphic Arts Careers	Electro Careers	Business Careers	Automotive Careers	Career Development Program:
CIAL REQUIREMENTS: od vocabulary	CIAL REQUIREMENTS:				ucation	Specific Occupational Education	uctural Careers ecific Occupational ucation	alth Careers uctural Careers ecific Occupational	aphic Arts Careers alth Careers uctural Careers ecific Occupational ucation	ectro Careers aphic Arts Careers alth Careers uctural Careers ecific Occupational ucation	reers rs tional	- In the second
			8							tomotive Careers		

Color Discrimination

Coordination

i	J					X		
PHYSICAL DEMANDS:	1 Strength	2 Climbing, balancing	3 Stooping, kneeling,	crawling	4 Manual dexterity	5 Talking, hearing	6 Visual acuity	

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	EMF	TEMPERAMENT:	
_	> -	Varied duties,	
	fre	frequent change	
	2 R	Repeated, set procedures	
(3	_	Matching specified	_
	<u>:</u>	instructions	
4		Directing & planning	
:	\$	for others	
2		Working with others	
9	9	Working alone & apart	
	nl '	Influencing other	
	8	people's ideas	
8		Risks, unexpected events,	
:	e	emergencies	
6		Making empirical	;
	Ĕ.	judgments, decisions	≺
<u>.</u>		Analyzing facts and	
	fig	figures	
×		Interpreting personal	
	fe	feelings	
	P	Precision, accuracy	×

E ← 2 €	1 Data: 3 2 People: 8 3 Things: 8	Ömma	Compiling No Relation
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General Teller

OTHER TITLES:

CONDITIONS:

Bank Teller JOB TITLE:

and keeps records of money and negotiable D.O.T. NO. 212, 368 DEFINITION: Receives and pays out money instruments involved in various bank

transactions.

no entry level position ENTRY LEVEL JOBS:

RELATED JOBS:

cashier

EMPLOYMENT OUTLOOK: increase rapidly

Poor Ventilation

Dust

HOURS: 40 hour week

AVERAGE EARNINGS:

\$100 week

0 UNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELEC machine operation bookkeeping sales

COURSE LOCATION:

D.O.T. LOCATION:		ŀ
Vol. I	page	
Vol11	:	7
Sup. 1	:	İ
Sup. II .	=	1

neatness good memory

TOTAL EDUC/TRNG REQUIREMENTS:	NTS:
H. S. Grade Completed: 10	
11	
12	×
PG	
On-the-Job Training	×
Apprentice Training	
Technical Institute	
Business College	
Junior or Community College	
4-year College Grad.	
Graduate School	

5 Noise, vibration Wet, humid

Hazards Fumes

Odors Toxic

Cold temp

Outside

Both

1 Inside

Hot temp

UDY:		-		×	-			-	-	
SE OF ST	gram:									
OL COUR	pment Pro	Careers	Sareers	ers	rs	Careers	Š	reers	pational	
HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Eiectro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education
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				<u>L.</u>	<u></u>		1	Ľ				[ı
APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination	
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	- 1				- }		×	ľ					

£	PHYSICAL DEMANDS:	
-	Strength	_
2	Climbing, balancing	
က	Stooping, kneeling,	
	crawling	
4	Manual dexterity	×
2	Talking, hearing	×
9	Visual acuity	×

ion to

2	INTERESTS:	
_	Dealing with things &	
	objects	
2	Business contact with	
	people	×
က	Routine, system	×
4	Social welfare	
2	Prestige, esteem	
9	Communication of ideas	
~	Science & technology	
8	Abstraction, creativity	
6	Machines, procedures	
0	Tangible results	

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TEMPERAMENT:	1 Varied duties,	frequent change	2 Repeated, set procedures	3 Matching specified	instructions	4 Directing & planning	for others	5 Working with others	6 Working alone & apart	7 Influencing other	people's ideas	8 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figures	X Interpreting personal	feelings	Y Precision, accuracy	
						-						_				_					

	compiling	speaksignal	no relation
ö	m	9	œ
RELATION TO:	Data:	People:	Things:
RE	-	2	က

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CAREER PREPARATION ANALYSIS CHART

JOB TITLE: Assistant Buyer

DEFINITION: Compiles information and records to draw up purchase orders for

TOTAL E H. S. Gra Laborer Stores procurement of material. ENTRY LEVEL JOBS:

Brokerage Clerk RELATED JOBS:

EMPLOYMENT OUTLOOK:

HOUR 40 ma) UNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES: bookkeeping speech	Subject relations
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	Vol. I	esed ,
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258 42 10

RS:	hours may vary	/ be shift work.	AGE EARNINGS:

¥ 111

SUGGESTED CAREER ELECTIVES: bookkeeping speech	public relations			
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COURSE LOCATION:

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D.O.T. LOCATION:	Vol. I	Vol. 11	Sup. 1	Sup. II

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223.368		NTS:									×				
223		REME		5	11	12	PG								
D.O.T. NO.		TOTAL EDUC/TRNG REQUIREMENTS:		H. S. Grade Completed:				On-the-Job Training	Apprentice Training	Technical Institute	Business College	Junior or Community College	4-year College Grad.	Graduate School	

UDY:		L	_	×			_	 	_		
OF ST	 :E										
HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	5	ş			irs			nal		
00L C	elopmer	Architectual Careers	Automotive Careers	reers	eers	Graphic Arts Careers	sers	Careers	Specific Occupational		
SH SCH	eer Dev	hitectua	omotiv	Business Careers	Electro Careers	phic Ar	Health Careers	Structural Careers	cific Oc	Education	
H	S	Arc	Aut	Bus	Elec	Gra	Hea	Str	Spe	Edu	

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Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education		SPECIAL REQUIREMENTS:	verbal facility	ability to relate to people	exactness and attention to	detail	
	ES:											564	258	(

Inside Outside Both Cold temp Hot temp Noise, vibration Hazards Fumes Odors
vib lib

	×	×	×			×						
APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination
9	-	2	3	4	2	9	_	8	6	0		-

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Ŧ	PHYSICAL DEMANDS:			-
-	Strength		>	ı
7	Climbing, balancing			ı
က	Stooping, kneeling,			- 1
	crawling		REL.	7
4	Manual dexterity	×	-	\Box
ည	Talking, hearing		2 P	Δ.
9	Visual acuity		3	⊢
				,

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CAREEROGRAM	Procurement Clerk	S: Award Clerk	Bid Clerk	INTERESTS:	1 Dealing with things &	objects	2 Business contact with	people	3 Routine, system	4 Social welfare	5 Prestige, esteem	6 Communication of ideas	7 Science & technology	8 Abstraction, creativity	9 Machines, procedures	0 Tangible results	
		7LE															
		OTHER TITLES:				×											
		OTH															

RELATION TO:	a: 3 compiling	ole: 6 speaksignalli	nor s no relation
LAT	Data:	People:	Things
RE	-	2	۲.

CAREER PREPARATION ANALYSIS CHART

OTHER TITLES:

Dealing with things &

objects

INTERESTS:

Business contact with

Routine, system

people

Social welfare

4

DEFINITION: Receives, stores, and grinds meats
D.O.T. NO. 223.684

JOB TITLE: Meat Clerk

ENTRY LEVEL JOBS:

RELATED JOBS:

Warehouseman Shipping Clerk EMPLOYMENT OUTLOOK:

HOURS: 40 hours a week

AVERAGE EARNINGS: \$2.00 - \$3.00 an hour

VION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES: bookkeeping	Inventory contorl		
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COURSE LOCATION		
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D.O.T. LOCATION:	Vol. I	Vol. 11	Sup. 1	Sup. 11

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G REQL	ted:								ty Colleg		
UC/TRN	Comple				Trairing	Training	nstitute	llege	ommuni	ge Grad	chool
TOTAL EDUC/TRNG REQUIREMENTS:	H. S. Grade Completed:				On-the-Job Training	Apprentice Training	Technical Institute	Business College	Junior or Community College	4-year College Grad.	Graduate School
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									arts	
Development Program:	ctual Careers	otive Careers	s Careers	Careers	Arts Careers	Careers	ral Careers	Occupational		,
Career	Archite	Automo	Busines	Electro	Graphic	Health (Structu	Specific	Educati	
	Career Development Program:	Career Development Program: Architectual Careers	Career Development Program: Architectual Careers Automotive Careers	Career Development Program: Architectual Careers Automotive Careers Business Careers	Career Development Program: Architectual Careers Automotive Careers Business Careers Electro Careers	Career Development Program: Architectual Careers Automotive Careers Business Careers Electro Careers Graphic Arts Careers	Career Development Program: Architectual Careers Automotive Careers Business Careers Electro Careers Graphic Arts Careers	Career Development Program: Architectual Careers Automotive Careers Business Careers Electro Careers Graphic Arts Careers Health Careers	Career Development Program: Architectual Careers Automotive Careers Business Careers Electro Careers Graphic Arts Careers Health Careers Structural Careers Specific Occupational	Career Development Program: Architectual Careers Automotive Careers Business Careers Electro Careers Graphic Arts Careers Health Careers Structural Careers Specific Occupational Education Culinary arts

ER ELECTIVES:	Business Careers
	Electro Careers
orl	Graphic Arts Careers
	Health Careers
	Structural Careers
	Specific Occupational
	Education Cu
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	•
	SPECIAL REQUIREM
	ability to follow
	ability to follow
page 459	accuracy and at
282	detail
" 43	

PHYSICAL DEMANDS:

Strength

Climbing, balancing Stooping, kneeling,

Manual dexterity 5 Talking, hearing Visual acuity

4

9

crawling

detail instruc

routine / IENTS:

ttention to

1 Inside Outside Both Z Cold temp 3 Hot temp 4 Wet, humid 5 Noise, vibration 6 Hazards 7 Fumes Odors Toxic Dust Poor Ventilation	잉	CONDITIONS:	
]		Inside	
		Outside	
		Both	
	_	Cold temp	
		Hot temp	
' '	+	Wet, humid	
	S	Noise, vibration	
7 Fumes Odors Toxic Dust Poor Ventilation		Hazards	
Odors Toxic Dust Poor Ventilation		Fumes	
Toxic Dust Poor Ventilation	١.	Odors	
Dust Poor Ventilation		Toxic	
Poor Ventilation		Dust	
		Poor Ventilation	

Communication of ideas

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Prestige, esteem

Abstraction, creativity

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Machines, procedures

0 Tangible results

TEMPERAMENT:

Science & technology

•	×			×	×	×	×	×	×			×	
APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
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Varied duties, frequent change	Repeated, set procedures	Matching specified	instructions	Directing & planning	for others	Working with others	Working-alone & apart	Influencing other	people's ideas	Risks, unexpected events,	emergencies	Making empirical	judgments, decisions	Analyzing facts and	figures	Interpreting personal	feelings	Precision, accuracy
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ï	RELATION TO:	<u>:</u>	
-	Data:	9	comparing
2	People:	œ	no relation
3	Things:	7	manipulating

	3	5
1	1	6

Survey Worker

OTHER TITLES:

PROJECT CAREER/GUIDANCE

CAREER PREPARATION ANALYSIS CHART

Field Interviewer

TOTAL EDUC/TRNG REQUIREMENTS: D.O.T. NO. such as public issues or consumer **DEFINITION:** Interviews public and compiles statistical information on topics,

249.268

buying habits. ENTRY LEVEL JOBS:

Information Clerk

Employment Intervier Placement Officer RELATED JOBS:

HOURS:

EMPLOYMENT OUTLOOK:

		11		!	1.			
שא	On-the-Job Training	Apprentice Training	Technical Institute	Business College	Junior or Community College	4-year College Grad.	Graduate School	
	74/40	5						

HIGH SCHOOL COURSE OF STUDY:

Career Development Program:

Repeated, set procedures

~ က

frequent change

TEMPERAMENT: Varied duties, Matching specified

instructions

Directing & planning

4

for others

Specific Occupational Graphic Arts. Careers Architectual Careers **Automotive Careers** Structural Careers **Business Careers** Electro Careers Heaith Careers Education

SUGGESTED CAREER ELECTIVES:

business administration

liberal arts

psychology sociology COURSE LOCATION:

Personnel management

good verbal expression ability to reason analytically neat appearance and poise SPECIAL REQUIREMENTS: tactfulness

> 250 47

> > Sup. II

Vol. = Sup. 1

Vol.

page

D.O.T. LOCATION:

				×								_			
•	CONDITIONS:	Inside	Outside	Both	Cold temp	Hot temp	Wet, humid	Noise, vibration	Hazards	Fumes	Odors	Toxic	Dust	Poor Ventilation	
į	8				2	က	4	2	9	7					i

0

H. S. Grade Completed:

12 Ξ

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APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
¥		7	က	4	വ	9	7	8	6	10		=	

	Σ				×	×	×
PHYSICAL DEMANDS:	1 Strength	2 Climbing, balancing	3 Stooping, kneeling,	crawling	4 Manual dexterity	5 Talking, hearing	6 Visual acuity

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Public Interviewer	INTERESTS:	1 Dealing with things &	objects	2 Business contact with	people	3 Routine, system	4 Social welfare	5 Prestige, esteem	6 Communication of ideas	7 Science & technology	8 Abstraction, creativity	9 Machines, procedures	0 Tangible results	
		_												
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others & apart her cted events, cal cusions is and		
Working with others Working alone & apart Influencing other people's ideas Risks, unexpected events emergencies Making empirical judgments, decisions Analyzing facts and	figures Interpreting personal	Precision, accuracy
9 8 0	×	>

RELATION TO: 1 Data: 2 2 Prople: 6 3 Things: 8		analyzing	speaksignal	no retation
RELATION 1 Data: 2 People: 3 Things:	ΤΟ:	7	9	8
	RELATION	1 Data:	2 People:	3 Things:

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JOB TITLE:

AVERAGE EARNINGS:

CAREER PREPARATION ANALYSIS CHART

OTHER TITLES:

CAREEROGRAM

General Salesperson

JOB TITLE:

DEFINITION: Displays, describes, and utilizing general knowledge of the sells to individuals, merchandise characteristics quality and merit of items sold.

ENTRY LEVEL JOBS:

RELATED JOBS:

EMPLOYMENT OUTLOOK: Slow Increase

HOURS: 40 hours

AVERAGE EARNINGS:

\$1.60 - 3.00 ...
INION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES: Business administration	D		
SUGGESTED CARE Business admin	Marketing		

ATION:		
COURSE LOCATION:		
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D.O.T. LOCATION:	Vol. 1	Vol. 11	Sup. 1	Sup. 11	

D.O.T. NO. 289	289-358	
OTAL EDUC/TRNG REQUIREMENTS:	IENTS:	<u> </u>
1. S. Grade Completed:	20	2
	-	က
	12 ×	4
PG		ည
In-the-Job Training		9
Apprentice Training		_
echnical Institute		<u></u>
usiness College	×	
unior or Community College	×	
-year College Grad.		
iraduate School		j

HIGH SCHOOL COURSE OF STUDY:	;;
Career Development Program:	
Architectual Careers	
Automotive Careers	
Business Careers	×
Electro Careers	
Sraphic Arts Careers	
Health Careers	
Structural Careers	
Specific Occupational	
Education	

SPECIAL REQUIREMENTS:	Good grooming and attire	Public contact work	Poise and good vocabular			
			070	488	52	152

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O TO THE	CONDITIONS:	Inside	Outside	Both	Cold temp	Hot temp	Wet, humid	Noise, vibration	Hazards	Fumes	Odors	Toxic	Dust	
5	3				2	က	4	2	9	7				

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	APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
	8	•	2	က	4	ည	9	7	8	6	10		11	

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	PHYSICAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling, crawling	Manual dexterity	Talking, hearing	Visual acuity
Ì	4	-	2	က	4	2	9

Z	INTERESTS:	
	Dealing with things &	
	objects	
7	Business contact with	
	people	×
3	Routine, system	
4	Social welfare	
5	Prestige, esteem	
9	Communication of ideas	×
7	Science & technology	
œ	Abstraction, creativity	
6	Machines, procedures	
0	Tangible results	
		1

1 Varied duties, frequent change 2 Repeated, set procedures 3 Matching specified instructions 4 Directing & planning for others 5 Working with others 6 Working alone & apart 7 Influencing other people's ideas 8 Risks, unexpected events, emergencies 9 Making empirical judgments, decisions 0 Analyzing facts and figures X Interpreting personal feelings Y Precision, accuracy

	Compiling	Persuading	No Relation
ö	m	5	8
RELATION TO:	Data:	People:	Things:
RE	-	2	က

CAREER PREPARATION ANALYSIS CHART

CAREEROGRAM

retail trade salesworker retail clerk

OTHER TITLES:

receives payment for

DEFINITION:

SALES CLERK

JOB TITLE:

ENTRY LEVEL JOBS:

INTERESTS:

Dealing with things &

objects

Business contact with

Routine, system

က

people

Social welfare

×

Communication of ideas

Prestige, esteem

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Science & technology Abstraction, creativity Machines, procedures

Tangible results

6

TEMPERAMENT: Varied duties,

oor Ventilation

:FINITION: Lecetives payment tor		
merchandise selected by customer, may	D.O.T. NO. 290,478	CONDITIONS:
keep sales records or order merchandise	erchandise ,	1 Inside
wraps & bags goods, keeps	TOTAL EDUC/TRNG REQUIREMENTS:	Outside
shelves stocked		Both
ITRY LEVEL JOBS:	H. S. Grade Completed: 10	2 Cold temp
	11	3 Hot temp
	12 X	4 Wet, humid
(LATED JOBS: General sales	PG .	5 Noise, vibrat
general gales,	On the Job Training	6 Hazards
glocel, sales attellualit, of alicil		7 Fumes
PLO FMENT OUT LOOK:	Technical Institute	Odors
moderate increase in number	Business College	Toxic
of positions thru mid 1980's	Junior or Community College	Dust
JURS:	4-year College Grad.	Poor Ventila
40 hr week: Jonger at	Graduate School	
: : : : : : : : : : : : : : : : : : :		

oise, vibration et, humid

TOTAL EDUC/TRNG BEOUREMENTS:	MENTS	_
	-	Τ-
H. S. Grade Completed:	01	
	=	
	12 ×	
	PG	ı —
On the Job Training	×	1
Apprentice Training		_
Technical Institute		_
Business College		
Junior or Community College	-	1
4-year College Grad.		
Graduate School		
		1

RELATED JOBS:

EMPLOFMERP 39FLOOK:

Christmas, etc. AVERAGE EARNINGS:

\$1.60-3.00/hr.

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APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination	
	1			_			_		_				_

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APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination	

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		×	×	,		1	×	Ι-	Ţ-				Ī	1
	PTITUDES:	General Learning X	Verbal Ability	Numerical Ability	Spatial Ability	Form, Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
	PTIT(1 Ge	2 Ve	3 N	4 Sp	.c	วั เ	Ž	i <u>.</u>	Ma	Ey	ပိ	රි _	

Working alone & apart

7 Influencing other

people's ideas

5 Working with others

for others

Directing & planning

4

Risks, unexpected events,

∞

judgments, decisions

Making empirical

6

emergencies

Analyzing facts and

0

figures

Interpreting personal

feelings

×

×

Repeated, set procedures

frequent change

Matching specified

instructions

	×				×	×	
PHYSICAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling,	crawling	Manual dexterity	Talking, hearing	Visual acuity
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ᆵ	PHYSICAL DEMANDS:	
-	Strength	×
7	Climbing, balancing	
က	Stooping, kneeling,	
	crawling	
4	Manual dexterity	×
က	Talking, hearing	×
9	Visual acuity	

part-time sales experience,

SPECIAL REQUIREMENTS:

Specific Occupational

Education

COURSE LOCATION:

Structural Careers

Health Careers

Graphic Arts Careers

preference for public

contact work

501

Sup. II

Vol. = Sup. 1

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D.O.T. LOCATION

Strength	×	Y Precision, accuracy
Climbing, balancing		
Stooping, kneeling,		
srawling		RELATION TO:
Manual dexterity	×	1 Data: 4
Falking, hearing	×	2 People: 7
Visual acuity		3 Things: 8

	computing	Service	
10:	4	7	,
RELATION TO:	Data:	People:	Things
<u></u>		7	٣
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HIGH SCHOOL COURSE OF STUDY:

Career Development Program:

Architectual Careers **Automotive Careers**

Business Careers Electro Careers

SUGGESTED CAREER ELECTIVES:

International Associates

local, or Retail Clerks

commercial arithmetic

salesmanship

distributive education

CAREER PREPARATION ANALYSIS CHART

OTHER TITLES:

CAREEROGRAM

DEFINITION: Creates buying interest on explaining qualities and function of part of public by demonstrating and merchandise.

D.O.T. NO. 297,458

ENTRY LEVEL JOBS: RELATED JOBS: Sales Work Copywriter

Purchase and Sales Work

EMPLOYMENT OUTLOOK: Slow Increase

HOURS:

Irregular

\$6,500 - 8,000/year AVERAGE EARNINGS:

UNION ASSOCIATION AFFILIATION:

_		_	_	_
SUGGESTED CAREER ELECTIVES:	Business Administration Marketing			

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COURSE LOCATION:		
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D.O.T. LOCATION:	
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TOTAL EDUC/TRNG REQUIREMENTS:	NTS:
H. S. Grade Completed: 10	
11	
12	×
PG	
On-the-Job Trainidg	×
Apprentice Training	
Technical Institute	
Business College	
Junior or Community College	×
4-year College Grad.	
Graduate School	

HIGH SCHOOL COURSE OF STUDY:	٠
Career Develonment Program:	
Architectual Careers	
Automotive Careers	
Business Careers	×
Electro Careers	
Graphic Arts Careers	
Health Careers	
Structural Careers	
Specific Occupational	
Education	
	<u> </u>

CAREER ELECTIVES:	Business Careers	Careers
Administration	Electro Careers	Careers
	Graphic Arts Ca	Arts Ca
	Health Careers	Sareers
	Structural Caree	al Care
	Specific Occupa	Occupa
	Education	Ë
CATION:		
-		
	SPECIAL REQU	. REQU
	Preference	ence
ATION:	Poise and or	and or
page 193	Good arroamin	roomi
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ଧ	CONDITIONS:	
-	Inside	×
Ι,	Outside	
	Both	
7	Cold temp	
က	Hot ten'p	
4	Wet, humid	
ည	Noise, vibration	
9	Hazards	
7	Fumes	
	Odors	
	Toxic	
	Dust	
	Poor Ventilation	

Communication of ideas

Prestige, esteem

Abstraction, creativity Science & technology

ω

9 Machines, procedures

Tangible results

0

TEMPERAMENT: 1 Varied duties,

×

Dealing with things &

objects

INTERESTS:

Business contact with

Routine, system

people

Social welfare

	×	×	×			×							
APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination	

Repeated, set procedures

frequent change

Matching specified

instructions

Directing & planning

for others

×

×

5 Working with others	6 Working alone & apart	7 Influencing other	people's ideas	8 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figures	X Interpreting personal	feelings	Y Precision, accuracy			RELATION TO:	1 Data: 4 Computing	2 Pennler E
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	×											1				×	;
a roun reiception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination				PHYSICAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling,	crawling	Manual dexterity	Talking, hearing
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		Computing	Persuading	No Relation
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	RELATION TO	Data:	People:	Things:
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KELAI TON TO	Data:	People:	Things:
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Talking, hearing Visual acuity

for public contact

IREMENTS:

ood vocabulary ng and attire

Display Person

JOB TITLE:

PROJECT CAREER/GUIDANCE

CAREER PREPARATION ANALYSIS CHART

CAREEROGRAM

OTHER TITLES: Decorator, Display Trimmer

×

CONDITIONS

windows and showcases, and on sale floor to attract attention of DEFINITION: Displays merchandise in ۲ prospective customers.

ENTRY LEVEL JOBS: Copywriter

RELATED JOBS:

EMPLOYMENT OUTLOOK: Slow Increase

irregular HOURS:

AVERAGE EARNINGS:\$7,000/year

SUGGESTED CAREER ELECTIVES:
Art
Illustration
Painting
History
English

O № :		
COURSE LOCATION:		
COURSE		

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D.O.T. LOCATION:				
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	TAL EDUC/TRNG REQUIREMENTS:								i	ege -	T)	
D.O.T. NO.	RE(: g								unior or Community College	Art	
.O.T.	RNG	. S. Grade Completed:				ing	ing	主		unity	rad.	
۵	UC/I	်				n-the-Job Training	pprentice Training	echnical Institute	ege.	omm	year College Grad.	
	E	srade				Job	it ce	<u>E3</u>	usiness College	2	3	
es	DIAL	S.				n-the	pprer	echn	usine	nior	year	

5 Noise, vibration 4 Wet, humid

6 Hazards Fumes

Odors Toxic Dust

Cold temp

Outside Both

Inside

Hot temp

]		
		ΑÞ	APTITUDES:
		-	General Learning
HIGH SCHOOL COURSE OF STUDY:	Υ:	2	Verbal Ability
		က	Numerical Abilit
Career Development Program:		4	Spatial Ability
Architectual Careers		2	Form Perception
Automotive Careers		9	Clerical Perceptic
Business Careers		7	Motor Coordinat
Electro Careers		80	Finger Dexterity
Graphic Arts Careers	×	6	Manual Dexterity
Hoalth Caronic		۶	10 Eur Hand East

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Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education			SPECIAL REQUIREMENTS:	Color Discrimination	Artistic Ability		
								_							

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General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination			PHYSICAL DEMANDS:	Strength
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IYSICAL DEMANDS:		feelings
Strength	M	Y Precision, accuracy
Climbing, balancing	X	
Stooping, kneeling,		
crawling	×	RELATION TO:
Manual dexterity	×	1 Data: 0 Sym
Talking, hearing		2 People: 8 NO
Visual acuity	×	3 Things: 1 Pre

ა 4

Z	INTERESTS:	
-	Dealing with things &	
	objects	1
8	Business contact with	
	people	
က	Routine, system	
4	Social welfare	
ა	Prestige, esteem	
9	Communication of ideas	×
7	Science & technology	<u> </u>
œ	Abstraction, creativity	×
6	Machines, procedures	
0	Tangible results	
Ĭ	TEMPERAMENT:	
1	Varied duties,	
	frequent change	
7	Repeated, set procedures	
ო	Matching specified	
	instructions	
4	Directing & planning	
	for others	
2	Working with others	
9	Working alone & apart	
7	Influencing other	
	people's ideas	
œ	Risks, unexpected events,	
	emergencies	
6	Making empirical	
	judgments, decisions	×
0	Analyzing facts and	
×	Interpreting personal	
	feelings	×
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Poor Ventilation

	Synthesizing	No Relation	Precision Work
T0:	0	σ.	-
RELATION TO:	Data:	People:	Things:
RE	-	2	က

Personal Shopper

OTHER TITLES:

PROJECT CAREER/GUIDANCE

CAREER PREPARATION ANALYSIS CHART

Customer Service Specialist JOB TITLE:

DEFINITION: Writes special orders for services D.O.T. NO. 299,368 and merchandise, and performs personal services for customers, approves checks and

answers custamer's inquiries andr directs them to source of more pertinent information.

ENTRY LEVEL JOBS:

Sales Work

RELATED JOBS:

EMPLOYMENT OUTLOOK: Little Increase

HOURS: 35-40 hours

AVERAGE EARNINGS: \$5.18/hour

UNION ASSOCIATION AFFILIATION: Depends on particular occupation. SUGGESTED CAREER ELECTIVES: General Clerical Training

COURSE LOCATION:

D.O.T. LOCA'FION:	
Vol. I	page 182
Vol. II	265
Sup. I	54
Sup. [[11

TOTAL EDUC/TRNG REQUIREMENTS: × 12 PG 9 Junior or Community College H. S. Grade Completed: Apprentice Training On-the-Job Training 4-year College Grad. Technical Institute Graduate School **Business College**

HIGH SCHOOL COURSE OF STUDY:	χ:
Career Development Program:	
Architectual Careers	
Automotive Careers	,
Business Careers	×
Electro Careers	
Graphic Arts Careers	
Health Careers	
Structural Careers	
Specific Occupational	
Education	

Specific Occupational . Education		SPECIAL REQUIREMENTS:	Preference for "white	work	Ability to follow inst			
					.82	:65	54	11

ಶ	CONDITIONS:	
		>
-	Inside	<
	Outside	
	Both	
2	Cold temp	
က	Hot temp	
4	Wet, humid	
2	Noise, vibration	
9	Hazards	
7	Fumes	
	Odors	
	Toxic	
	Dust	
	Poor Ventilation	

	×	×				×						
APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination

7	PHYSICAL DEMANDS:	
	Strength	Г
t l	Climbing, balancing	
	Stooping, kneeling,	
	crawling	
	Manual dexterity	>
	Talking, hearing	;
	Visual acuity	
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	ובחבטוס.	
_	Dealing with things &	
	objects	
7	Business contact with	:
	people	×; ;
က	Routine, system	·<
4	Social welfare	
ည	Prestige, esteem	
9	Communication of ideas	
 7	Science & technology	
 8	Abstraction, creativity	
 6	Machines, procedures	×
 0	Tangible results	
١		

RE	RELATION TO:	T0:	
-	Data:	3	Compiling
7	People:	9	Speaking-Signal
က	Things:	α	No Belation

Stock Person

JOB TITLE:

PROJECT CAREER/GUIDANCE

CAREER PREPARATION ANALYSIS CHART

CAREEROGRAM

Warehousenan

×

1 Dealing with things &

objects

INTERESTS:

Business contact with

Routine, system

people

OTHER TITLES:

DEFINITION: Receives, stores, ships, and distributes materials, tools, equipment, and products within establishments as discussed.
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922-887

D.O.T. NO.

agitsiments as cirected.

RELATED JOBS:

ENTRY LEVEL JOBS:

Moderate Increase EMPLOYMENT OUTLOOK:

40 hours HOURS:

AVERAGE EARNINGS: \$115.00/week

UNION ASSOCIATION AFFILIATION: Retail Clerks International

TOTAL EDUC/TRNG REQUIREMENTS: 9 12 ည Junior or Community College H. S. Grade Completed: On-the-Job Training Apprentice Training 4-year College Grad. Technical Institute Graduate School **Business College**

	×			L									
CONDITIONS:	1 Inside	Outside	Both	2 Cold temp	3 Hot temp	4 Wet, humid	5 Noise, vibration	6 Hazards	7 Fumes	Odors	Toxic	Dust	Poor Ventilation

Communication of ideas

Prestige, esteem

ည 9

Social welfare

Abstraction, creativity

œ 6

Machines, procedures

Tangible results

TEMPERAMENT: Varied duties,

Science & technology

I		
-	General Learning	
2	Verbal Ability	
m	Numerical Ability	
4	Spatial Ability	
5	Form Perception	×
9	Clerical Perception	
7	Motor Coordination	×
8	Finger Dexterity	×
o i	Manual Dexterity	×
10	Eye-Hand-Foot	
٠.	Coordination	
1	Color Discrimination	

					×		×	×	×			
APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination
AP	-	2	3	4	5	9	7	8	O	10	÷	11

Working alone & apart

9

Influencing other

people's ideas

Working with others

×

Directing & planning

4

for others

Repeated, set procedures

frequent change

Matching specified

က 2

HIGH SCHOOL COURSE OF STUDY:

Career Development Program:

Architectual Careers Automotive Careers

Business Careers Electro Careers

SUGGESTED CAREER ELECTIVES:

instructions

			×		×	×	×			
2 Verbal Abilian	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye—Hand—Foot	2 Coordination	11 Color Discrimination

Specific Occupational

Education

COURSE LOCATION

Structural Careers

Health Careers

Graphic Arts Careers

Interpreting personal

figures

0

Precision, accuracy

feelings

judgments, decisions Analyzing facts and

Making empirical

G

emergencies

				×		×	×	×						İ	Σ			
1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye—Hand—Foot	Coordination	11 Color Discrimination			PHYSICAL DEMANDS:	1 Strength	2 Climbing, balancing	3 Stooping, kneeling,	crawling
	_		1	1					_			-	i	1		\neg		

Risks, unexpected events,

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7 8 80	
Data: 8 2 People: 8 3 Things: 7	
3 2 2	
	
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Preference for factory work Undistinguished scholastic

record

Sup. II

Vol. = Sup. 1

<u>| |</u>

Record of reliability,

honesty, industry Physical stamina

> 409 360 266

Page

D.O.T. LOCATION

SPECIAL REQUIREMENTS:

	No Relation	No Relation	Handling
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RELATION TO:	Data:	People:	Thinas:
RE	1	2	က

CLUSTER # 13

PERSONAL SERVICES

CAREER PREPARATION ANALYSIS CHART

Waitress

and

Waiter

JOB TITLE:

OTHER TITLES:

DEFINITION: Serves meals to patrons according D.O.T. NO. to established rules of etiquette, working in a formal setting

311.878

Busboy, Kitchen Helper ENTRY LEVEL JOBS:

RELATED JOBS:

EMPLOYMENT OUTLOOK: Rapid Increase

HOURS:

33.8 Avg.

\$1.75 hr. plus tips AVERAGE EARNINGS:

Hotel and Restaurant Employees Bartenders International Union UNION ASSOCIATION AFFILIATION: 1

SUGGESTED CAREER ÉLECTIVES:
Health
Culinary Arts
Social Etiquette

CATION:			
COURSE LOCATION:			
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T LOCATION:	_	=	_	-
D.O.T	Vol.	Vol.	Sup. 1	Sup.

TOTAL EDUC/TRNG REQUIREMENTS:	MEN	TS:
H. S. Grade Completed:	10	
	-1	
	12	×
	PG	
On-the-Job Training		×
Apprentice Training		
Technical Institute		
Business College		
Junior or Community College		
4-year College Grad.		
Graduate School	1	

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HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education Culinary Arts	

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בוסטובי ליוילפוס	Health Careers	Structural Careers	Specific Occupational	Education Culinary Arts			SPECIAL REQUIREMENTS:	Neat and clean personal appe	ance; Courtesy and pleasant	personality: preference for	public contact work. Ability	to take and follow orders.	
										778	507	55	
										əbi			

PHYSICAL DEMANDS:

Strength

Climbing, balancing Stooping, kneeling,

nal appear

Manual dexterity Talking, hearing Visual acuity

4 വ

crawling

		×													
	CONDITIONS:	Inside	Outside	Both	Cold temp	Hot temp	Wet, humid	Noise, vibration	Hazards	Fumes	Odors	Toxic	Dust	Poor Ventilation	
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Communication of ideas

Prestige, esteem

Abstraction, creativity

Machines, procedures

6

Tangible results

TEMPERAMENT: Varied duties,

Science & technology

×

1 Dealing with things &

INTERESTS:

Business contact with

Routine, system

people

Social welfare

4

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APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
AP	-	2	3	4	2	9	7	8	6	10		11	

Working alone & apart

9

Working with others

for others

Directing & planning

4

Repeated, set procedures

frequent change

Matching specified

instructions

	<u> </u>					
7 Influencing other people's ideas	8 Risks, unexpected events, emergencies	9 Making empirical judgments, decisions	0 Analyzing facts and figures	X Interpreting personal feelings	Y Precision, accuracy	•

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RELATION TO:	Data:	People:	Things:
RE	-	7	က

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JOB TITLE: Kitchen Helper

PROJECT CAREER/GUIDANCE

CAREER PREPARATION ANALYSIS CHART

Kitchen hand Cook helper

CAREEROGRAM

OTHER TITLES:

CONDITIONS:

D.O.T. NO. 318,887

DEFINITION: Maintains kitchen work areas

Kitchen Øorter

Elemental occupation ENTR

Pantry worker

RELATED JOBS:

EMPLO YMENT OUTLOOK:

Rapid Rise

HOURS: 33.8 /hrs. per week avg.

AVERAGE EARNINGS:

L N UNION ASSOCIATION AFFILIATION: Hotel and Restaurant Employees

SUGGESTED CAREER ELECTIVES: As this is an elemental	occupation, no specific	electives need be taken		
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TION:	
COURSE LOCATION:	
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	page	:	-	"	
D.O.T. LOCATION:	Vol. 1	Vol. II	Sup. I	Sup. 11	

TOTAL EDUC/TRNG REQUIREMENTS:	NTS:
H. S. Grade Completed: 10	
12	
PG	
On-the-Job Training	×
Apprentice Training	
Technical Institute	
Business College	
Junior or Community College	
4-year College Grad.	
Graduate School	

HIGH SCHOOL COURSE OF STUDY:	: ز
Career Development Program:	
Architectual Careers	
Automotive Careers	1
Business Careers	
Electro Careers	
Graphic Arts Careers	
Health Careers	
Structural Careers	
Specific Occupational	
Education Culinary Arts	×

	2000	
iis is an elemental	Electro Careers	1
pation, no specific	Graphic Arts Careers	1
ives need be taken	Health Careers	1
	Structural Careers	1
	Specific Occupational	1
	Education Culinary Arts X	X
E LOCATION:		
		1
	SPECIAL REQUIREMENTS:	1
	Good physical condition;	١
LOCATION:	Undistinguished scholastic	}
page 3 9 9		١.,
		١

Poor Ventilation

Dust

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4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity) Eye—Hand—Foot	Coordination	1 Color Discrimination			PHYSICAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling,	crawling	Manual dexterity	Talking, hearing	Visual acuity
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routine work: Physical

stamina

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<u>=</u> .	INTERESTS:		
_	objects	×	
2	Business contact with		
	people		
က	Routine, system	×	
4	Social welfare		
5	Prestige, esteem		
9	Communication of ideas		
7	Science & technology		
ω	Abstraction, creativity		
6	Machines, procedures		
	Tangible results		
- 1			
비	TEMPERAMENT:		
_	Varied duties		

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Cold temp

Outside

Both

Inside

Hot temp

5 Noise, vibration Wet, humid

6 Hazards

Fumes

Odors Toxic

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TEMPERAMENT:	1 Varied duties, frequent change	2 Repeated, set procedures	3 · Matching specified	instructions	4 Directing & planning	for others	5 Working with others	© Working alone & apart	7 Influencing other	people's ideas	8 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figures	X Interpreting personal	feelings	V Droce 2001

	No relation	No relation	Handling
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RELATION TO:	Data:	People:	Things.
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Beautician Beauty Operator

OTHER TITLES:

Cosmetician

PROJECT CAREER/GUIDANCE

CAREER PREPARATION ANALYSIS CHART

Cosmetologist

JOB TITLE:

D.O.T. NO. 332.271 DEFINITION: Provides various beauty services for customers as requested.

ENTRY LEVEL JOBS: Cosmetologist Apprentice, Manicurist, Shampooer

RELATED JOBS:

EMPLOYMENT OUTLOOK: Hair Stylist Barber

Expand rapidly

HOURS:

40 hrs. or longer per week

lourneymen, barbers, hairdresser Cosmetologists and Proprieters¹ International Union of America UNION ASSOCIATION AFFILIATION: \$65. - \$90. wk. beginning AVERAGE EARNINGS: up to \$300. wk.

SUGGESTED CAREER ELECTIVES: Cosmetology Chemistry Biology Health

COURSE LOCATION

499 page D.O.T. LOCATION: Vol. II Sup. 11 Sup. 1 Vol.

57

NTS:							×		×			
REME	10	Ξ	12	PG								
TOTAL EDUC/TRNG REQUIREMENTS:	H. S. Grade Completed:				On-the-Job Training	Apprentice Training	Technical Institute	Business College	Junior or Community College	4-year College Grad.	Graduate School	

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HIGH SCHOOL COURSE OF STUDY:	. Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education CosmetologyX	

TS:	k with people	a service	o perceive	c. Creativity	tion; Finger	•
SPECIAL REQUIREMENTS:	Preference for work with people	willing to work in a service	capacity: Ability to perceive	differences in color: Creativity	Eye-hand coordination; Finger	dexterity

	×													
CONDITIONS:	1 inside	Outside	Both	2 Cold temp	3 Hot temp	4 Wet, humid	5 Noise, vibration	6 Hazards	7 Fumes	Odors	Toxic	Dust	Poor Ventilation	

	×	×			×		×	×					
APTITUDES:	1 General Learning	2 Verbal Ability	3 · Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination	

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PHYSICAL DEMANDS:	1 Strength	2 Climbing, balancing	3 Stooping, kneeling,	crawling	4 Manual dexterity	5 Talking, hearing	6 Visual acuity

	_		 	×						×	×	
INTERESTS:	Dealing with things &	objects	Business contact with	people	Routine, system	Social welfare	Prestige, esteem	Communication of ideas	Science & technology	Abstraction, creativity	Machines, procedures	Tangible results
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	Analyzing	Servina	Precision Work
TG:	2	,	
RELATION TO:	Data:	People:	Things:
R	-	2	ო

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Dealing with things &

objects

INTERESTS:

CONDITIONS

D.O.T. NO. 334.878

Business contact with

Routine, system

people

Social welfare

4

Communication of ideas

Prestige, esteem

Science & technology

Abstraction, creativity

Machines, procedures

g: c7

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Tangible results

TEMPERAMENT: Varied duties,

Poor Ventilation

Dust

JOB TITLE: Reducing Salon Attendant

CAREER PREPARATION ANALYSIS CHART

OTHER TITLES:

DEFINITION: Assists customers with various reducing machines and equipment in a reducing salon

Bath attendant ENTRY LEVEL JOBS:

RELATED JOBS:

Masseur

EMPLO YMENT OUTLOOK:

Unknown

HOURS

Unknown

AVERAGE EARNINGS: Unknown UNION ASSOCIATION AFFILIATION:

7

SUGGESTED CAREE Physical Educa Biology Health Sports

LOCA		
COURSE LOCATION:		

D.O.T. LOCATION:		
Vol. I	page	28
Vol. 11		50
Sup. I	:	'n
Sup. 11	:	5

TOTAL EDUC/TRNG REQUIREMENTS:	NTS:
H. S. Grade Completed: 10	
-	\times
12	
PG	
On-the-Job Training	×
Apprentice Training	
Technical Institute	
Business College	
Junior or Community College	
4-year College Grad.	
Graduate School	

5 Noise, vibration

Hazards Fumes

Odors Toxic

Wet, humid

Cold temp Hot temp

Outside

Both

Inside

HIGH SCHOOL COURSE OF STUDY:	Career Davelopment Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education	
HIG	بِيِّ	Arc	Aut	Busi	Elec	Graf	Hea	Stru	Spec	Edu	

R ELECTIVES:	Business Careers
	Electro Careers
	Graphic Arts Careers
kion	Health Careers
	Structural Careers
	Specific Occupational
	Education
!:	
	SPECIAL REQUIREME
	Courtesy and plea
	ality: preference
page 588	Contact: Next and
507	appearance: facili
., 57	to routine manual

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APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination
Ap	-	2	3	4	2	9	7	8	6	10		11
								_				
			1									

×

Directing & planning

for others

Repeated, set procedures

frequent change

Matching specified

instructions

	•		
7	Verbal Ability		
3	Numerical Ability	×	
4	Spatial Ability	_	
2	Form Perception		
9	Clerical Perception		
7	Motor Coordination	×	
8	Finger Dexterity	×	
6	Manual Dexterity	×	
0	Eye-Hand-Foot		
	Coordination		
-	Color Discrimination		
上	HYSICAL DEMANDS:		
	Strength	≥	
	Climbing, balancing		
•	Stooping, kneeling, crawling		
-	Manual dexterity	×	

Risks, unexpected events,

judgments, decisions

Making empirical

6

emergencies

Analyzing facts and

0

figures

Interpreting personal

feelings

Working alone & apart

Influencing other

people's ideas

Working with others

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M Y Precision, accuracy RELATION TO: 1 Data: 8 No r 2 People: 7 Serv	acy No rela Serving	Precision ATION Data: People:	→ REL	≨ X	
[G			Precision ATION People:	Y Precision RELATION 1 Data: 2 People:	M Y Precision RELATION X 1 Data: 2 People:

	No relation	Serving	No relation
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RELATION .	Data:	People:	Things:
<u>æ</u>	-	2	m
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			:

Falking, hearing Visual acuity

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clean persona

ty to adjust

dexterify

sant person-

for public

CAREER PREPARATION ANALYSIS CHART

Custodian

JOB TITLE:

OTHER TITLES:

DEFINITION: Keeps hotel, office builiding, apart D.O.T. NO. 382.884 ment house, or similar building in clean and

furnace and boiler to provide heat and hot water for tenants. orderly condition and tends

ENTRY LEVEL JOBS:

RELATED JOBS:

Building Superintendent

EMPLOYMENT OUTLOOK:

Rapid increase HOURS:

40 hours

AVERAGE EARNINGS:

\$2.50/hr.

UNION ASSOCIATION AFFILIATION:

Depending upon industry.

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SUGGESTED CAREER FI ECTIVES:	Simple arithmetic	Shop courses		

CATION:		
COURSE LOCATION:		

D.O.T. LOCATION:		ļ
Vol. 1	page	39.
Vot. 11	:	32;
Sup. 1	:	79
Sup. 11	:	65

IOIAL EDOC/I ANG RECOIREMENTS:	2
H. S. Grade Completed: 10	
11	
12	
PG	
On-the-Job Training	
Apprentice Training	×
Technical Institute	
Business College	
Junior or Community College	
4-year College Grad.	
Graduate School	

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RICH SCHOOL COURSE OF STUDY:	Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education	

CTIVES:	Business Careers
	Electro Careers
	Graphic Arts Careers
	Health Careers
	Structural Careers
	Specific Occupational
	Education
	SPECIAL REQUIREMENTS:
	Preference for work with
	Facility to adapt to routing
age 392	Eve-hand coordination
322	Finger-manual dev terity
h9	
10	

1 Inside Outside Both 2 Cold temp 3 Hot temp 4 Wet, humid 5 Noise, vibration 6 Hazards 7 Fumes Odors Toxic Dust Poor Ventilation 1 General Learning 2 Verbal Ability				×	_									×	
	CONDITIONS:	1 Inside	Outside	Both				7 Fumes	Odors	Toxic	Dust	Poor Ventilation	APTITUDES:	1 General Learning	2 Mamorical Ability

APTIT	APTITUDES:	
1 G	General Learning	×
2 V	Verbal Ability	
3 N	Numerical Ability	
4 S _I	Spatial Ability	×
5 F	Form Perception	×
9	Clerical Perception	
7 M	Motor Coordination	×
8 F	Finger Dexterity	×
W 6	Manual Dexterity	×
10 E	EyeHandFoot	
J	Coordination	×
11 Q	Color Discrimination	

H	PHYSICAL DEMANDS:	
	Strength	エ
2	Climbing, balancing	
က	Stooping, kneeling,	
	crawling	×
4	Manual dexterity	×
2	Talking, hearing	
9	Visual acuity	

with hands

outine

Z	INTERESTS:	
-	Dealing with things &	
	objects	
7	Business contact with	
	people	
က	Routine, system X	
4	Social welfare	
2	Prestige, esteem	Γ
9	Communication of ideas	
7	Science & technology	
8	Abstraction, creativity	Γ.
6	Machines, procedures X	
0	Tangible results X	

1 Varied duties, frequent change 2 Repeated, set procedures 3 Matching specified instructions 4 Directing & planning for others 5 Working with others 6 Working alone & apart 7 Influencing other people's ideas 8 Risks, unexpected events, emergencies 9 Making empirical judgments, decisions 0 Analyzing facts and figures X Interpreting personal feelings				×											×
	TEMPERAMENT:	1 Varied duties,	frequent change		instructions	for others		7 Influencing other	people's ideas	emergencies	judgments, decisions	figures	X Interpreting personal	feelings	Y Precision, accuracy

	No relation	No relation	Manipulating
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RELATION TO:	Data:	People:	Things:
2	•	2	n

CLUSTER # 14

PUBLIC SERVICE

CAREEROGRAM

OTHER TITLES: Circulation Clerk

Desk-Attendant

CAREER PREPARATION ANALYSIS CHART

JOB TITLE: Library Attendant or Assistant

shelves books, and issues and receives DEFINITION: Compiles records, sorts and library materials.

D.O.T. NO. 100, 168

TOTAL EDUC/TRNG REQUIREMENTS:	NTS:
H. S. Grade Completed: 10	
11	
12	×
PG	
On-the-Job Training	
Apprentice Training	
Technical Institute	
Business College	
Junior or Community College	
4-year College Grad.	
Graduate School	

RELATED JOBS: Medical Records Librarian

ENTRY LEVEL JOBS: Library Aide

EMPLOYMENT OUTLOOK:

Excellent

HOURS: 40 hours

Credit Clerk

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IS:				ď		bid	bration						tilation
CONDITIONS:	Inside	Outside	Both	Cold temp	Hot temp	Wet, humid	Noise, vibration	Hazards	Fumes	Odors	Toxic	Dust	Poor Ventilation
8			3	2 (3	4	S	9	7 1	J	L		Δ.

Communication of ideas

Prestige, esteem

Abstraction, creativity

ω

Machines, procedures

Tangible results

Science & technology

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Dealing with things &

objects

INTERESTS:

Business contact with

Routine, system

people

Social welfare

	TEMPERAMENT:	1 Varied duties,	frequent change	2 Repeated, set procedures	3 Matching specified	instructions	4 Directing & planning	for others	5 Working with others	6 Working alone & apart	7 Influencing other	people's ideas	8 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions
_								•								
					×	×	×	×								

	Color Discrimination	=
•	Eye-Hand-Foot Coordination	10
	Manual Dexterity	6
	Finger Dexterity	ω
	Motor Courdination	7
	Clerical Perception	9
	Form Perception	ည
	Spatial Ability	4
	Numerical Ability	က
	Verbal Ability	7
	General Learning	-
	APTITUDES:	AP

	2	_		× _	×	×	×
PHYSICAL DEMANDS:	1 Strength	2 Climbing, balancing	3 Stooping, kneeling,	crawling	4 Manual dexterity	5 Talking, hearing	6 Visual acuity

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	ä					×	_		_				
	HIGH SCHOOL COURSE OF STUDY:		Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education	

SPECIAL RECOINEMENTS:
Verbal facility; exactness as
attention to detail; numerica
ability; liking for public cor
tact work; enjoyment of read

page

D.O.T. LOCATION:

COURSE LOCATION

		i			
Climbing, balancing	Stooping, kneeling,	crawling	Manual dexterity	Talking, hearing	Visual acuity
7	က		77	വ	ဖ
	_		اق		-
	2 Climbing, balancing	2 Climbing, balancing 3 Stooping, kneeling,	2 Climbing, balancing 3 Stooping, kneeling, crawling	nd 2 Climbing, balancing al 3 Stooping, kneeling, arawling ding 4 Manual dexterity	2 8 4 2

R	RELATION TO	10:	
-	Data:	3	compiling
2	People:	9	speaksignallin
8	Things:	ω	no relation

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Interpreting personal

Precision, accuracy

feelings

Analyzing facts and

×

ability; liking for pu	tact work; enjoymen		
422	258	8†	10
age	:	:	:

Sup. II

Sup.

Vol. I Vol.

J UNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES:

English

Library Aide Bookkeeping

City Planning Engineer

City Planner

OTHER TITLES:

PROJECT CAREER/GUIDANCE

CAREER PREPARATION ANALYSIS CHART

Urban Planning Technician

JOB TITLE:

199.388 D.O.T. NO. programs for utilization of land and physical **DEFINITION:** Develops comprehensive plans and

facilities of cities, counties, and metropolitan areas

ENTRY LEVEL JOBS:

Field Survey Workers

RELATED JOBS:

Administrator - Social Welfare

EMPLOYMENT OUTLOOK:

Good, slow growth

HOURS: 40 hours - may vary

\$9,000. - \$12,000/year **T** AVERAGE EARNINGS: **S** \$9,000. - \$12,000

American Institute of Planners American Society of Planning UNION ASSOCIATION AFFILIATION: Officials

SUGGESTED CAREER ELECTIVES: Public Relations Architecture Accounting Speech

COURSE LOCATION

D.O.T. LOCATION:		
Vol. I	bage	
Vol. II	:	7
Sup. I	:	
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IREN	0	Ξ		12	12 PG	# B	7 P	± B	7 BO		
TOTAL EDUC/TRNG REQUIREMENTS:										On-the-Job Training Apprentice Training Technical Institute Business College Junior or Community College	College
NG F	H. S. Grade Completed:						<u>6</u>	6. 6.	66 8	a a grand	and d.
C/TR	Somp					On-the-Job Training	On-the-Job Training Apprentice Training	On-the-Job Trainin Apprentice Trainin Technical Institute	rainin rainin titute	rainir rainir titute age	On-the-Job Training Apprentice Training Technical Institute Business College Junior or Communit
EDO	ade (ob T	ob T	ob T ice T	On-the-Job Trair Apprentice Trair Technical Institu Business College	ob T	ob T College
At	S. Gr					the-J	the-J	the J	the-J prent hnic	the-J prenti hnica iness	the.Julications in series
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ರ	CONDITIONS:	
-	Inside	×
	Outside	
	Both	
7	Cold temp	
3	Hot temp	
4	Wet, humid	
5	Noise, vibration	
9	Hazards	
7	Fumes	
	Odors	
	Toxic	
	Dust	
	Poor Ventilation	

		×	×			×							
APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye—Hand—Foot	Coordination	11 Color Discrimination	

표	PHYSICAL DEMANDS:	
	Strength	S
2	Climbing, balancing	
m	Stooping, kneeling,	
1	Manual dexterity	
	Talking, hearing	×
(0	Visual acuity	

				×			×	×				
INTERESTS:	1 Dealing with things &	objects	2 Business contact with	people	3 Routine, system	4 Social welfare	5 Prestige, esteem	6 Communication of ideas.	7 Science & technology	8 Abstraction, creativity	9 Machines, procedures	0 Tangible results

	TEMPERAMENT:	
	Varied duties, frequent change	×
12	Repeated, set procedures	
m	Matching specified	
	instructions	
4	Directing & planning	;
	for others	×
ച	Working with others	×
9	Working alone & apart	
_	Influencing other	
	people's ideas	
ω	Risks, unexpected events,	
	emergencies	
6	Making empirical	
	judgments, decisions	×
0	Analyzing facts and	
	figures	
×	Interpreting personal	
	feelings	
	Precision, accuracy	
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	coordinating	Speak, -sígnal	no relation
<u> 10</u>	-	9	∞
RELATION TO:	Data:	People:	Things:
RE		7	က

JOB TITLE:

PROJECT CAREER/GUIDANCE

CAREEROGRAM

Special Policeman

Watchman

Armed Guard

Dealing with things &

objects

INTERESTS:

Business contact with

Routine, system

က

people

Social welfare

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CAREER PREPARATION ANALYSIS CHART Guard and Watchman/Watchwoman

OTHER TITLES:

D.O.T. NO. 372.868

0. O. G	
2	answer questions
	patrons or employees, or to
TOTAL E	infraction of the rules, to direct TOTALE
i, or	lishment to prevent theft, violence, or
estab-	premises of business or industrial estab-
about	DEFINITION: Stands guard or walks about

RELATED JOBS:

EMPLOYMENT OUTLOOK:

HOURS:

3 AVERAGE EARNINGS:

UNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES:			

COURSE LOCATION:		

D.O.T. LOCATION:	
Vol. 1	page 31
Vol. 11	47
Sup. I	,
Sup. II	10

REMENTS:	2	11	1)12 X	PG	×							
TOTAL EDUC/TRNG REQUIREMENTS:	H. S. Grade Completed:		(preferred)12		On-the-Job Training	Apprentice Training	Technical Institute	Business College	Junior or Community College	1-year College Grad.	Graduate School	

	-	General Learning
HIGH SCHOOL COURSE OF STUDY:	2	2 Verbal Ability
	က	Numerical Ability
Career Development Program:	4	Spatial Ability
Architectual Careers	2	Form Perception
Automotive Careers	9	6 Clerical Perception
Business Careers	_	Motor Coordination
Electro Careers	œ	Finger Dexterity
Graphic Arts Careers	6	Manual Dexterity
Health Careers	101	10 Eve-Hand-Foot
Structural Careers	: 	Coordination
Specific Occupational	<u> </u> =	11 Color Discrimination
	:] _	

Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education	There is no one specific pro-	gram of study	SPECIAL REQUIREMENTS:	Ability to exercise initiative	Equanimity in face of danger	Manual dexterity	Motor coordination for firearm	Honesty and Dependability	Physical stamina	
						7	7	[46	27	62	01	

PHYSICAL DEMANDS:

pro-

Strength

Climbing, balancing

Stooping, kneeling,

crawling

Manual dexterity Talking, hearing

Visual acuity

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rearm

8	CONDITIONS:]
-	Inside	×
	Outside	
	Both	
7	Cold temp	
3	Hot temp	
4	Wet, humid	
ည	Noise, vibration	
9	Hazards	×
7	Fumes	
	Odors	
	Toxic	
	Dust	
	Poor Ventilation	

Communication of ideas

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Prestige, esteem

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Abstraction, creativity

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Machines, procedures

Tangible results

Science & technology

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TEMPERAMENT:	Varied duties,	frequent change	Repeated, set procedures	Matching specified	instructions	Directing & planning	for others	Working with others	Working alone & apart	Influencing other	people's ideas	Risks, unexpected events,	emergencies	Making empirical	judgments, decisions	Analyzing facts and	figures	Interpreting personal	feelings	Precision, accuracy
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APTITUDES:

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Discrimination

	No relation	Speaking Sign	No relation
Ö	8	9	∞
RELATION TO:	Data:	People:	Things:
R		2	က

OTHER TITLES: Fireman

×

Dealing with things &

objects

INTERESTS:

Business contact with

Routine, system

people

Social welfare

CAREER PREPARATION ANALYSIS CHART PROJECT CAREER/GUIDANCE

Firefighter JOB TITLE:

D.O.T. NO. DEFINITION: Controls and extinguishes fires, protects life and property, and maintains equipment as volunteer or employee of city

373.884

township or industrial plant.

TOTAL EDUC/TRNG REQUIREMENTS:

9

S. Grade Completed:

ř

ENTRY LEVEL JOBS: Fire cadet

RELATED JOBS: Crash firefighter. Fire inspecto Smoke jumper

EMPLOYMENT OUTLOOK: Rapid increase

HOURS:

40 to 60 hours -- (56 hrs. avg.)

AVERAGE EARNINGS:

UNION ASSOCIATION AFFILIATION: International Association of ຮ່7,000 to \$9,000/year O

Firefighters

hemistry, Physical Education SUGGESTED CAREER ELECTIVES: Physics (general), Sports ivics and government merican History English

COURSE LOCATION:

	279	322	62	29
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D.O.T. LOCATION:	Vol. I	Vol. Ii	Sup. I	Sup. II

				L				•
PG	On-the-Job Training	Apprentice Training	Technical Institute	Business College	Junior or Community College	4-year College Grad.	Graduate School	
	or							_

HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	tual Careers	tive Careers	Careers	Careers	Arts Careers	Jareers	al Careers	Occupational	UC .	
нісн ѕсноог	Career Developm	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education	

No specific course of study

PHYSICAL DEMANDS:

Strength

Climbing, balancing Stooping, kneeling,

Jer ج ابو

			×		×	×	×	X	×	×	×	X	×
COMDITIONS:	1 Inside	Outside	Both	2 Cold temp	3 Hot temp	4 Wet, humid	5 Noise, vibration	6 Hazards	7 Fumes	Odors	Toxic	Dust	Poor Ventilation

×

Communication of ideas

Prestige, esteem

Abstraction, creativity Science & technology

Machines, procedures

Tangible results

TEMPERAMENT: Varied duties, Repeated, set procedures

frequent change

Matching specified

instructions

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APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination	

6 Working alone & apart

Influencing other

people's ideas

Working with others

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Directing & planning

for others

Risks, unexpected events,

emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figures	X Interpreting personal	feelings	Y Precision, accuracy			C+ C+ LC
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RELATION TO:	Data:	People:	Thinas:
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×		-	Data:	8	No
×	ئــــــ	2	People:	8	N 0
×		m	Things:	7	Man

Manual dexterity Talking, hearing Visual acuity

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ica

crawling

CAREER PREPARATION ANALYSIS CHART

Private (Police Dept.) OTHER TITLES: Policeman

CAREEROGRAM

DEFINITION: Patrols assigned beat on foot, motortraffic, prevent crime or disturbance of the peace and to arrest violators.

ENTRY LEVEL JOBS: Police cadet

Detective; Guard RELATED JOBS:

EMPLOYMENT OUTLOOK:

Very favorable HOURS:

40 hours weekly

1 AVERAGE EARNINGS:

\$10,000/yearly 31 UNION ASSOCIATION AFFILIATION:

Local Associations

SUGGESTED CAREER ELECTIVES: Psychology **Civics and Government** English Sports American History Physical Ed. Criminology Sociology

10N:		
COURSE LOCATION:		
COURSE		

D.O.T. LOCATION:		
Vol. I	abed .	വ
Vol. II	:	7
Sup. I	:	1 "
Sup. 11	"	0,
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TOTAL EDUC/TRNG REQUIREMENTS:	NTS:
H. S. Grade Completed: 10	
1-	
12	×
PG	
On-the-Job Training	×
Apprentice Training	
Technical Institute	
Business College	
Junior or Community College	×
4-year College Grad.	
Graduate School	

HIGH SCHOOL COURSE OF STUDY:	نز
Career Development Program:	
Architectual Careers	
Automotive Careers	
Business Careers	
Electro Careers	
Graphic Arts Careers	
Health Careers	
Structural Careers	
Specific Occupational	
Education Criminology	×

REMENTS:	public contact	work. Ability to acquire know-	and regulations:	Ability to perform under stress:	ability.	ina	
SPECIAL REQUIREMENTS:	Preference for public contact	work: Ability to	ledge of laws and regulations:	Ability to perfor	Organizational ability.	Physical Stamina	

1		
8	CONDITIONS:	
	Inside	
	Outside	
	Both	×
2	Cold temp	
3	Hot temp	
4	Wet, humid	
2	Noise, vibration	· _
9	Hazards	×
7	Fumes	
	Odors	
	Toxic	
	Dust	
	Poor Ventilation	

Communication of ideas

9

Prestige, esteem

Abstraction, creativity

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Machines, procedures

Tangible results

Science & technology

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Dealing with things &

INTERESTS:

Business contact with

objects

Routine, system

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people

Social welfare

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Motor Coordination Clerical Perception

Manual Dexterity

Finger Dexterity

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Eye-Hand--Foot

Numerical Ability

Spatial Ability

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Form Perception

General Learning

APTITUDES:

Verbal Ability

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	-	Data:	2	Analyzing
	2	People:	9	Speaking S
	m	Things.	α	No relation

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Manual dexterity

Talking, hearing

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Visual acuity

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PHYSICAL DEMANDS:

Strength

Climbing, balancing

Stooping, kneeling,

က

crawling

Color Discrimination

Coordination

Analyzing	Speaking Sign	No relation
7	9	œ
Data:	People:	Things:
-	7	က

CLUSTER # *** TRANSPORTATION

CAREEROGRAM

Airline Hostess Stewardess

OTHER TITLES:

×

CONDITIONS:

CAREER PREPARATION ANALYSIS CHART

Airline Steward/Stewardess

JOB TITLE:

Renders variety of personal comfort of airline passengers du<u>r</u> services conducive to safety and DEFINITION: flight.

ENTRY LEVEL JOBS:

Hostess

RELATED JOBS: Purser

EMPLO YMENT OUTLOOK:

very rapid

HOURS:

irregular work schedule

AVERAGE EARNINGS:

UNION ASSOCIATION AFFILIATION: Stewardesses Association Airline Stewards and

SUGGESTED CAREER ELECTIVES:	Personal Grooming	Health	Social Etiquette	S	Sociology - Psychology
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COURSE LOCATION:	

D.O.T. LOCATION:		
Vol. I	page	=
Vol. II	:	507
Sup. 1	:	. 85
Sup. 11		154

sonal	D.O.T. NO.	352.878	878
ing TOTAL ED	ing TOTAL EDUC/TRNG REQUIREMENTS:	IREME	NTS:
1. S. Grade	H. S. Grade Completed:	01	
		=	
		12	×
	-	PG	
On-the-Job Training	Training		×
Apprentice Training	Training		
Technical Institute	nstitute		
Business College	llege		
unior or C	Junior or Community College	ب	
4-year College Grad.	ege Grad.		
Graduate School	chool		

5 Noise, vibration

Hazards

9

Fumes Odors Toxic

Wet, humid

4

3 Hot temp

Cold temp

Outside Inside

Both

HIGH SCHOOL COURSE OF STUDY:	1
Career Development Program:	
Architectual Careers	ĺ
Automotive Careers	1
Business Careers	×
Electro Careers	i
Graphic Arts Careers	Ì
Health Careers	
Structural Careers	1
Specific Occupational	1
Education	
	ĺ

EU CAREER ELECTIVES:	Business Ca
al Grooming	Electro Car
	Graphic Ar
Etiquette	Health Care
- Speech	Structural
gy - Psychology	Specific Oc
	Education
LOCATION:	
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CATION:	
page 11	
507	

Career Development Program:	
Architectual Careers	
Automotive Careers	_
Business Careers	×
Electro Careers	
Graphic Arts Careers	
Health Careers	
Structural Careers	
Specific Occupational	-
Education	
	_
SPECIAL REQUIREMENTS.	

Color Discrimination

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Airline Stewardess	INTERESTS:	Dealing with things &	objects	8 Business contact with	people ,	Routine, system	Social welfare	Prestige, esteem	Communication of ideas	Science & technology	Abstraction, creativity	Machines, procedures	Tangible results
l	_					(')	4	u,	9	_	8	6	_

1 Varied duties, 1 Varied duties, frequent change 2 Repeated, set procedures 3 Matching specified instructions 4 Directing & planning for others 5 Working with others 6 Working alone & apart 7 Influencing other people's ideas 8 Risks, unexpected events, emergencies 9 Making empirical judgments, decisions 0 Analyzing facts and figures X Interpreting personal feelings
F 2 8 4 8 9 X X

Motor Coordination Clerical Perception

Finger Dexterity Manual Dexterity

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Eye-Hand-Foot

5

6

Coordination

Numerical Ability

Verbal Ability

Spatial Ability

Form Perception

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General Learning

APTITUDES:

Poor Ventilation

Dust

	no relation	serving	no relation
ë	8	7	8
RELATION TO:	Data:	People:	Things:
RE	-	~	က

CAREER PREPARATION ANALYSIS CHART PROJECT CAREER/GUIDANCE

OTHER TITLES:

JOB TITLE: Auto Machinist

Sets up and operates variety such as lathes, valve grinders, and general or specialized metal working **DEFINITION:**

TOTA grinding-and-turning machines to repair auto. engine parts.

ENTRY LEVEL JOBS:

RELATED JOBS:

EMPLOYMENT OUTLOOK:

Fair-Good

40 week HOURS:

AVERAGE EARNINGS:

UNION ASSOCIATION AFFILIATION:

ELECT!VES:			
SUGGESTED CAREER		-	

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COURSE LOCATION		
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LOCATION:				
D.O.T. LOC	Vol. I	Vol. II	Sup. I	Sup. 11

438 430 134 102

variety of	[CALCITIONS
rking machines, NO. 600-280	اد	CONDITIONS:
and piston-		Inside
TOTAL EDUC/TRNG REQUIREMENTS:	<u></u>	Outside
	<u> </u>	Both
H. S. Grade Completed: 10	2	Cold temp
	က	Hot temp
12	4	Wet, humid
PG	വ	Noise, vibrati
On-the-Job Training	ဖ	Hazards
Apprentice Training	7	Fumes
Technical Institute	<u></u>	Odors
Business College		Toxic
Junior or Community College		Dust
4-year College Grad.		Poor Ventilat
Graduate School		

on of ideas

		AP	APTITUDES:
	:		General Le
HIGH SCHOOL COURSE OF STUDY:	::	2	Verbal Abi
	_	3	3 Numerical
Career Develòpment Program:		₹	Spatial Ab
Architectual Careers		ည	Form Pero
Automotive Careers	×	9	Clerical Per
Business Careers		7	Motor Coo
Electro Careers		80	Finger Dex
Graphic Arts Careers		6	Manual De
Health Careers		2	Eye-Hand
Structural Careers			Coordinatio
Specific Occupational		=	Color Disci
Education	×		

Career Development Program:	
Architectual Careers	
Automotive Careers	×
Business Careers	ļ
Electro Careers	
Graphic Arts Careers	
Health Careers	
Structural Careers	
Specific Occupational	
Education	×
Blue Hills Regional	×
SPECIAL REQUIREMENTS:	

		INTERESTS:
		1 Dealing with things &
	×	objects
		2 Business contact with
		aldoad
		3 Routine, system
		4 Social welfare
þ		5 Prestige, esteem
ation	×	6 Communication of idea
	×	응
		8 Abstraction, creativity
		9 Machines, procedures
		O Tangible results
lation		TEMPERAMENT:
		1 Varied duties,
		frequent change
•		2 Repeated, set procedure
earning	×	3 Matching specified
bility		instructions
l Ability	×	4 Directing & planning
bility	×	for others
ception	×	5 Working with others
erception	×	6 Working alone & apart
ordination	×	7 Influencing other
xterity	×	people's ideas
exterity	×	8 Risks, unexpected even
d-Foot		emergencies
ion		9 Making empirical
crimination		judgments, decisions
		A A Salinia Casta Casta

	_	Varied duties,	
		frequent change	$\hat{}$
	2	Repeated, set procedures	
	က	Matching specified	
		instructions	
	4	Directing & planning	
		for others	
<u>.</u>	2	Working with others	
	9	Working alone & apart	
	7	Influencing other	
		people's ideas	
	8	Risks, unexpected events,	
		emergencies	
	6	Making empirical	
		judgments, decisions	
	0	Analyzing facts and	
		figures	×
	×	Interpreting personal	
		feelings	
	>	Precision, accuracy	×
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	analyzing	no relation	setting-up
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RELATION TO	Data:	People:	Things:
RE	-	2	က

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Manual dexterity Talking, hearing 5 Talking, hearing 6 Visual acuity

Σ

Climbing, balancing Stooping, kneeling, crawling

PHYSICAL DEMANDS:

Strength

Brake Mechanic

CAREER PREPARATION ANALYSIS CHART PROJECT CAREER/GUIDANCE

CAREEROGRAM

OTHER TITLES:

JUB TITLE:

Repairs and overhauls brake systems in automobiles, buses, trucks, and other automotive vehicles DEFINITION:

ENTRY LEVEL JOBS: Gas Station Attendant

RELATED JOBS: Brakeman, Bus Brakeman, Air

Brakeman, Hydraulic EMPLOYMENT OUTLOOK:

Moderate Increase

HOURS:

40 - 48 week

AVERAGE EARNINGS:

\$5.16 hour

CONION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES:			

COURSE LOCATION:		
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D.O.T. LOCATION:	Yol.	Val.	Sup.	Sup	
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620.281 TOTAL EDITOTORS OF D.O.T. NO.

I OTAL EDUC/TRING REQUIREMENTS:	ENTS:
H. S. Grade Completed: 10	
12	
PG	
On the Job Training	×
Apprentice Training	
Technical Institute	
Business College	
Junior or Community College	
4-year College Grad.	
Graduate School	

RSE OF STUDY:	rogram:		×								nal X
HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education	Blue Hills Regional

	77
	LOCATION:
SPECIAL	
Blue H	E LOCATION:
Education	
Specific	
Structura	
Health C	
Graphic	
Electro (

SPECIAL REQUIREMENTS:	And the second s					
		72	312	147	41	
		33.98	:	:	:	
	CATION:					

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CONDITIONS:	1 Inside	Outside	Both	2 Cold temp	3 Hot temp	4 Wet, humid	5 Noise, vibration	6 Hazards	7 Fumes	Odors .	Toxic	Dust	Poor Ventilation	T

	×		×	×	×		×	×	×				
APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination	

	≥		;	Κ.	×		
PHYSICAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling,	crawiing	Manual dexterity	Talking, hearing	Visual activity
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TEMPERAMENT:	1 Varied duties,	frequent change	2 Repeated, set procedures	3 Matching specified	instructions	4 Directing & planning	. for others	5 Working with others	6 Working alone & apart	7 Influencing other	people's ideas	8 Risks, unexpected events,	emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figures	X Interpreting personal	feelings	Y Precision, accuracy

RELATION TO:	T 0:	
1 Data:	2	analyzing
2 People:	∞	no relation
3 Things:	_	precision wo

Auto Mechanic

JOB TITLE:

PROJECT CAREER/GUIDANCE

CAREEROGRAM

CAREER PREPARATION ANALYSIS CHART

OTHER TITLES:

D.O.T. NO. DEFINITION: Performs minor repair and tune up of motor vehicles

620.381

Service Station Attendant ENTRY LEVEL JOBS:

RELATED JOBS: Construction Equipment Mech. Bus Inspector

EMPLOYMENT OUTLOOK:

Fair

HOURS: 40 hour week may vary AVERAGE EARNINGS: shift work

UNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES:			

COURSE LOCATION:		
COURSE		

	page	,,	2	
D.O.T. LOCATION:	Vol. I	Vol. 11	Sup. 1	Sup. 11

TOTAL EDUC/TRNG REQUIREMENTS:	NTS:
H. S. Grade Completed: 10	
-	
12	
PG	
On the Job Training	×
Apprentice Training	
Technical Institute	
Business College	
Junior or Community College	
4-year College Grad.	
Graduate School	

HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	ation	
HIGH SC	Career De	Architectu	Automoti	Business (Electro C	Graphic A	Health Ca	Structural	Specific 0	Education	

S: Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education		SPECIAL REQUIREMENT	33	312	148.	11.1
ECTIVES:									page	150		:

ď	APTITUDES:	
_	General Learning	×
\sim	Verbal Ability	
<u>~</u>	Numerical Ability	×
4	Spatial Ability	×
2	Form Perception	×
و	Clerical Perception	
_	Motor Coordination	×
8	Finger Dexterity	×
6	Manual Dexterity	×
20	Eye-Hand-Foot	
	Coordination	
_ 1	Color Discrimination	

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IVELOAL DEBLANDS.	THISICAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling,	crawling	Manual dexterity	Talking, hearing	
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Z	INTERESTS:	
_	Dealing with things &	
i	objects	×
2	Business contact with	
	people	
က	Routine, system	
4	Social welfare	
2	Prestige, esteem	
မ	Communication of ideas	
7	Science & technology	
80	Abstraction, creativity	
6	Machines, procedures	×
0	Tangible results	×

I Varied duties, frequent change Repeated, set procedures Repeated, set procedures Matching specified instructions Directing & planning for others Working with others Working alone & apart people's ideas Risks, unexpected events, emergencies Making empirical judgments, decisions Analyzing facts and figures Interpreting personal feelings
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RELATION TO	Data:	People:	Things:
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CAREER PREPARATION ANALYSIS CHART PROJECT CAREER/GUIDANCE

OTHER TITLES: Radiator Repairman

Radiator Repairperson

JOB TITLE:

gasoline tanks in automobiles, buses, DEFINITION: Repairs cooling system and trucks, and other automotive

TOTAL EDUC/TRNG BY OUIREMENTS:

D.O.T. NO. 620.381

ENTRY LEVEL JOBS: Auto, Radiator Repairman Helper vehicles.

Lubrication Man RELATED JOBS:

Firefighting Equipment Special.
Mechanic Unit Repairman
EMPLOYMENT OUTLOOK:

Moderate Increase

Junior or Community College

4-year College Grad.

Graduate School

HOURS: 40 to 46 hours

AVERAGE EARNINGS:

\$5.16 hour

United Automobile Workers United Automobile Workers

SUGGESTED CAREER ELECTIVES:
Shop mathematics
Metals
Welding
Chemistry (general)
Blueprint reading

Specific Occupational

Education

Structural Careers

CATION:		
COURSE LOCATION:		

OCATION:	bage	"	11	"
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HIGH SCHOOL COURSE OF STUDY:	Career Development Program:	ectual Careers	notive Careers	ss Careers) Careers	ic Arts Careers	
нівн ѕсноог	Career Developm	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Hosteh Caroor

SPECIAL REQUIREMENTS:	ability to learn craft tec	finger 8 manual dexterit	eye-hand coordin	ability to use handtools			
			33	312	148	41	

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	CONDITIONS:	Inside	Outside	Both	Cold temp	Hot temp	Wet, humid	Noise, vibration	Hazards	Fumes	Odors	Toxic	Dust	Poor Ventilation	
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On-the-Job Training Apprentice Training

Technical Institute

Business College

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H. S. Grade Completed:

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APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	6 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Manual Dexterity	10 Eye-Hand-Foot	Coordination	11 Color Discrimination	

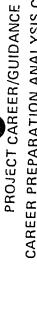
Ŧ	PHYSICAL DEMANDS:	
-	Strength	Σ
2	Climbing, balancing	
က	Stooping, kneeling,	
	crawling	×
4	Manual dexterity	×
2	Talking, hearing	
9	Visual acuity	×
i		

	Z	INTERESTS:	
	-	Dealing with things &	
1.		objects	×
	7	Business contact with	
		people	
	3	Routine, system	
	4	Social welfare	
	ည	Prestige, esteem	
	9	Communication of ideas	
	7	Science & technology	
	œ	Abstraction, creativity	
	6	Machines, procedures	×
	0	Tangible results	×
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1 Varied duties, frequent change 2 Repeated, set procedures 3 Matching specified instructions 4 Directing & planning for others 5 Working with others 6 Working alone & apart 7 Influencing other people's ideas 8 Risks, unexpected events, emergencies 9 Making empirical judgments, decisions 0 Analyzing facts and figures X Interpreting personal feelings												<u> </u>	×		×
	TEMPERAMENT:	1 Varied duties,	frequent change		instructions	for others		7 Influencing other	people's ideas	emergencies	judgments, decisions		figures	feelings	Y Precision, accuracy

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9	m	∞	_
RELATION TO:	Data:	People:	Things:
RE	-	7	က

Diesel Mechanic





CAREER PREPARATION ANALYSIS CHART

OTHER TITLES:

625.281 DEFINITION: Repairs and maintains diesel engines used to power machines such as buses, ships, T. NO. trucks, railroad trains, electric generator and construction machinery.

ENTRY LEVEL JOBS:

RELATED JOBS:

EMPLOYMENT OUTLOOK Good

HOURS: 48 week

AVERAGE EARNINGS: \$3.70 - \$4.37 hour

CUNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES:				
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COURSE LOCATION:		
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TOTAL EDUC/TRNG REQUIREMENTS:	REMENTS	
H. S. Grade Completed:	10	
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	12	
	PG	۳
On-the-Job Training	4 X	7
Apprentice Training	4 X	τ
Technical Institute	X	T
Business College		T
Junior or Community College		1
4-year College Grad.	-	Τ-
Graduate School		_

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HIGH SCHOOL COURSE OF STUDY:	Carecr Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Education	Blue Hills Regional
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TIVES:	Philose Carone
	Electro Careers
	Graphic Arts Careers
	Health Careers
	Structural Careers
	Specific Occupational
	Education
	Blue Hills Regional
	SPECIAL REQUIREMENTS:
202	
312	
150	
45	

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CONDITIONS:	I Inside	Outside	Both	Cold temp	3 Hot temp	Wet, humid	Noise, vibration	Hazards	Fumes	Odors	Toxic	Dust	Poor Ventilation	
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AP.	APTITUDES:	
-	General Learning	×
7	Verbal Ability	
က	Numerical Ability	×
4	Spatial Ability	×
2	Form Perception	×
9	Clerical Perception	
7	Motor Coordination	×
œ	Finger Dexterity	×
6	Manual Dexterity	×
2	Eye-Pland-Foot	
	Coordination	
=	Color Discrimination	

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		II			<u>×</u>	×	×	×	7
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	PHYSICAL DEMANDS:		Climbing, balancing	eeling,		srity	ing		-
	IL DEA	gth	ing, ba	Stooping, kneeling,	ng	Manual dexterity	Talking, hearing	Visual acuity	
	YSICA	Strength	Climb	Stoop	crawling	Manu	Talkir	Visual	
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Z	INTERESTS:	
_	Dealing with things &	
	objects	×
7	Business contact with	
	people	•
က	Routine, system	
4	Social welfare	
ည	Prestige, esteem	
9	Communication of ideas	
7	Science & technology	
æ	Abstraction, creativity	
9	Machines, procedures	×
0	(angible results	×

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TEMPERAMENT:	1 Varied duties,	frequent change	2 Repeated, set procedures	3 Matching specified	instructions	4 Directing & planning	for others	5 Working with others	6 Working alone & apart	7 Influencing other	people's ideas	8 Risks, unexpected events.	emergencies	9 Making empirical	judgments, decisions	0 Analyzing facts and	figures	X Interpreting personal	feelings	Y Precision, accuracy

	analyzing	no relation	precision work
ΤÖ:	2	8	7
RELATION TO:	1 Data	2 People:	3 Things:

Automobile collision repairma

Body man

OTHER TITLES:

according to specialty

INTERESTS

Dealing with things &

objects

Business contact with

Routine, system

people

×

PROJECT CARFER/GUIDANCE

CAREER PREPARATION ANALYSIS CHART

Autobody Person

JOB TITLE:

807.38 D.O.T. NO. DEFINITION: Repairs damaged body and body parts of automotive vehicles TOTAL EDUC/TRNG REQUIREMENTS: 12 ည 2 Junior or Community College H. S. Grade Completed: On-the-Job Training Apprentice Training 4-year College Grad. Technical Institute **Business College** Graduate School

Truck body builder

Service mechanic

EMPLOYMENT OUTLOOK: Moderate increase

Repairman helpers RELATED JOBS:

ENTRY LEVEL JOBS:

Auto body

	(
	ರ	CONDITIONS:	
	-	Inside	
		Outside	
		Both	
_	7	Cold temp	
	က	Hot temp	
	4	Wet, humid	
	വ	Noise, vibration	
<u> </u>	9	Hazards	
	7	Fumes	
		Odors	L
_		Toxic	<u> </u>
		Dust	
		Poor Ventilation	

Communication of ideas

Prestige, esteem

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Social welfare

Abstraction, creativity

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Machines, procedures

6

Tangible results

Science & technology

1 Varied du. es, frequent change 2 Repeated, set procedures 3 Matching specified instructions 4 Directing & planning for others 5 Working with others 6 Working alone & apart 7 Influencing other people's ideas 8 Risks, unexpected events, emergencies 9 Making empirical judgments, decisions 0 Analyzing facts and figures X Interpreting personal	1	F	BADED AREAIT.	
	7	-	WITED AIVIERS 1.	
		_	Varied duces,	
	[frequent change	
-		7	Repeated, set procedures	L
		က	Matching specified	_
	_		instructions	
		4	Directing & planning	_
	•		for others	
		ស	Working with others	L
		9	Working alone & apart	
		7	Influencing other	
			people's ideas	
! ! !		8	Risks, unexpected events,	L.
			emergencies	
		6	Making empirical	
	$\overline{}$		judgments, decisions	
		0	Analyzing facts and	
			figures	<u>×</u>
	[×	Interpreting personal	_

		×	×	×									
APTITUDES:	General Learning	Verbal Ability	Numerical Ability	Spatial Ability	Form Perception	Clerical Perception	Motor Coordination	Finger Dexterity	Manual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
A	-	7	က	4	2	9	7	8	6	10		=	i

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PHYSICAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling,	crawling	Manual dexterity	Talking, hearing	Visual acuity	
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-	Strength	Σ
7	Climbing, balancing	
ო	Stooping, kneeling,	
	crawling	×
4	Manual dexterity	×
2	Talking, hearing	
9	Visual acuity	×

		RELATION	1 Data:	2 People:	3 Things:	
	:	×	×		×	
j, balancıng	j, kneeling,		dexterity	hearing	uity	

no relation precision work

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Precision, accuracy

feelings

39

AVERAGE EARNINGS: \$5.51

40 - 48 hours

HOURS:

HIGH SCHOOL COURSE OF STUDY:

Career Development Program:

Architectual Careers **Automotive Careers**

Business Careers Electro Careers

United auto workers Internation and UNION ASSOCIATION AFFILIATION: Association of machinists Aerospace Workers SUGGESTED CAREER ELECTIVES: (generai) blueprint reading Shop mathematics chemistry metals

COURSE LOCATION

page : D.O.T. LOCATION: Sup. II Vo!. :I Sup. 1 No.

to learn craft techniques spacial perception; finger and manual dexterity; eye-hand coordination; ability to use hand tools ability 238 312 32

SPECIAL REQUIREMENTS:

Specific Occupational

Education

Structural Careers

Health Careers

Graphic Arts Careers

CAREER PREPARATION ANALYSIS CHART PROJECT CAREER/GUIDANCE

CAREEROGRAM

OTHER TITLES: Electrical-Unit Rebuilder

JOB TITLE: Auto Electrician

825.281 Repairs and overhauls electrical systems of the specific of the systems of the system of of ciectrical system by visual inspection or through in automotive vehicles. Determines malfunction DEFINITION

use of test equipment. Repairs or TOTAL EDUC/TRNG REQUIREMENTS. H. S. Grade Completed: replaces defective wiring system.

ENTRY LEVEL JOBS:

RELATED JOBS:

On the Job Training

Apprentice Training

Technical Institute

Business College

EMPLOYMENT OUTLOOK:

HOURS:

Junior or Community College

4-year College Grad.

Graduate School

AVERAGE EARNINGS:

OUNION ASSOCIATION AFFILIATION:

HIGH SCHOOL COURSE OF STUDY: Career Development Program: Graphic Arts Careers Specific Occupational Architectual Careers **Automotive Careers** Structural Careers **Business Careers** Electro Careers Health Careers Education

SPECIAL REGUIREMENTS: Blue Hills Regional 244 240 312 SUGGESTED CAREER ELECTIVES: aged

COURSE LOCATION

D.O.T. LOCATION

Sup. 11

Vol. Sup. 1

Vol.

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CONDITIONS:	1 Inside	Outside	Both	2 Cold temp	3 Hot temp	4 Wet, humid	5 Noise, vibration	6 Hazards	7 Fumes	Odors	Toxic	Dust	Poor Ventilation	

Ξ 12 PG

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	APTITUDES:	1 General Learning	2 Verbal Ability	3 Numerical Ability	4 Spatial Ability	5 Form Perception	3 Clerical Perception	7 Motor Coordination	8 Finger Dexterity	9 Mariual Dexterity	Eye-Hand-Foot	Coordination	Color Discrimination	
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PHYSICAL DEMANDS:	Strength	Climbing, balancing	Stooping, kneeling,	crawling	Manual dexterity	Talking, hearing	Visual acuity	
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INTERESTS:	1 Dealing with things &	objects	2 Business contact with	people	3 Routine, system	4 Social welfare	5 Prestige, esteem	6 Communication of ideas	7 Science & technology	8 Abstraction, creativity	9 Machines, procedures	0 Tangible results

TEMPERAMENT:

1 Varied duties, frequent change 2 Repeated, set procedures 3 Matching specified instructions 4 Directing & planning for others 5 Working with others 6 Working alone & apart 7 Influencing other 9 People's ideas 8 Risks, unexpected events, emergencies 9 Making empirical judgments, decisions 7 Analyzing facts and figures K Interpreting personal feelings

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	2	∞	-
KELATION T	Data:	People:	Things:
Ī	-	7	က

CAREER PREPARATION ANALYSIS CHART

Service Station Attendant

OTHER TITLES:

Gas Station Attendant

Dealing with things &

objects

INTERESTS:

Business contact with

Routine, system

people

Social welfare

CAREEROGRAM

Service Station Attendant

JOB TITLE:

DEFINITION: Services automobiles, buses, trucks and other automotive vehicles with fuel, lubricants and other accessories.

D.O.T. NO. 915,867

Part time attendant ENTRY LEVEL JOBS:

RELATED JOBS:

Tire Repairman EMPLOYMENT OUTLOOK: Lubrication Man

Mylerate Increase

HOURS: 40-48 hours

AVERAGE EARNINGS: \$2.00/hour

LUNION ASSOCIATION AFFILIATION:

SUGGESTED CAREER ELECTIVES:

COURSE LOCATION:

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1	D.O.T. LOCATION:	Vol. I	Vol. II	Sup. 1	Sup. 11
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TOTAL EDUC/TRNG REQUIREMENTS: × 12 10 Junior or Community College H. S. Grade Completed: On-the-Job Training Apprentice Training 4-year College Grad. Technical Institute Graduate School **Business College**

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	٠ <u>۲:</u>				×							
	HIGH SCHOOL COURSE OF STUDY:		Career Development Program:	Architectual Careers	Automotive Careers	Business Careers	Electro Careers	Graphic Arts Careers	Health Careers	Structural Careers	Specific Occupational	Edination

Motor Coordination Clerical Perception

Manual Dexterity

Finger Dexterity

Eye-Hand-Foot

Form Perception

General Learning

APTITUDES:

Verbal Ability

Numerical Ability

Spatial Ability

Color Discrimination

Coordination

SPECIAL REQUIREMENTS: Good physical condition Courtesy and tact		
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П		
얾	CONDITIONS:	
	Inside	
	Outside	
Ι.	Both	×
١.,	Cold temp	
	Hot temp	
	Wet, humid	
10	Noise, vibration	
	Hazards	
_ i	Fumes	×
	Odors	×
	Toxic	
	Dust	
	Poor Ventilation	
l		

Communication of ideas

9

Prestige, esteem

Abstraction, creativity

œ 6

Machines, procedures

Tangible results

Science & technology

7	F ·	TEMPERAMENT:	
		Varied duties,	
ī		frequent change	
	7	Repeated, set procedures	×
_	က	Matching specified	_
		instructions	
	4	Directing & planning	
	_	for others	
	ខ	Working with others	×
	9	Working alone & apart	ļ
	7	Influencing other	
_		people's ideas	
	ω	Risks, unexpected events,	
		emergencies	
_	6	Making empirical	
_		judgments, decisions	
	0	Analyzing facts and	
		figures	
,	×	Interpreting personal	L
	_	feelings	_

L	1			
	REI	LATION TO	ë	
	_	Data:	∞	No Relation
` `	2	People:	9	Speaking-Sic
`	က	Things:	7	Handling

Tell

R	RELATION TO:	ပ္ပ	
-	Data:	8	No Relation
2	People:	9	Speaking-Si
က	Things:	7	Handling

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Manual dexterity

Talking, hearing

Visual acuity

Y Precision, accuracy

PHYSICAL DEMANDS:

Strength

Climbing, balancing

Stooping, kneeling,